ಕರ್ನಾಟಕ ವಿಧಾನ ಪರಿಷತ್ತು

1) ಚುಕ್ಕೆ ಗುರುತಿಲ್ಲದ ಪ್ರಶ್ನೆ ಸಂಖ್ಯೆ : 757 (930)

2) ಸದಸ್ಯರ ಹೆಸರು : ಶ್ರೀ ಎಸ್. ಎಲ್ ಭೋಜೇಗೌಡ (ಶಿಕ್ಷಕರ ಕ್ಷೇತ್ರ)

3) ಉತ್ತರಿಸುವ ದಿನಾಂಕ : 28.09.2020

4) ಉತ್ತರಿಸುವವರು : ಅರಣ್ಯ, ಪರಿಸರ ಮತ್ತು ಜೀವಿಶಾಸ್ತ್ರ ಸಚಿವರು.

ಕ್ರ ಸಂ	ಪ್ರಶ್ನೆ	ಉತ್ತರ
ಅ)	ರಾಜ್ಯದಲ್ಲಿರುವ ರಾಷ್ಟ್ರೀಯ ಉದ್ಯಾನವನ (National Park) ಮತ್ತು ವನ್ಯಜೀವಿ ಅಭಯಾರಣ್ಯಗಳ (wildlife sanctuaries) ಸಂಖ್ಯೆ ಎಷ್ಟು; ಅವುಗಳ ವಿಸ್ತೀರ್ಣವೆಷ್ಟು; (ವೃತ್ತವಾರು ಮತ್ತು ವಿಭಾಗವಾರು ಮಾಹಿತಿಯನ್ನು ನೀಡುವುದು).	ರಾಜ್ಯದಲ್ಲಿ 5 ರಾಷ್ಟ್ರೀಯ ಉದ್ಯಾನವನ ಮತ್ತು 33 ಅಭಯಾರಣ್ಯಗಳು ಇರುತ್ತವೆ. ಇವುಗಳ ವಿವರಗಳು ಈ ಕೆಳಕಂಡಂತಿವೆ.

ಕ್ರ ಸಂ.	ವೃತ್ತ	ವಿಭಾಗ	ರಾಷ್ಟ್ರೀಯ ಉದ್ಯಾನವನ / ವನ್ಯಧಾಮ	ಪ್ರದೇಶ (ಚ.ಕಿ.ಮಿ. ಗಳಲ್ಲಿ)
1	ಬೆಂಗಳೂರು	ಬನ್ನೇರುಘಟ್ಟ ರಾಷ್ಟ್ರೀಯ ಉದ್ಯಾನವನ	ಬನ್ನೇರುಘಟ್ಟ ರಾಷ್ಟ್ರೀಯ ಉದ್ಯಾನವನ	260.51
		ರಾಮನಗರ ವಿಭಾಗ	ರಾಮದೇವರ ಬೆಟ್ಟ ರಣಹದ್ದು ಧಾಮ	3.46
		ಕೋಲಾರ ವಿಭಾಗ	ಕಾಮಸಂದ್ರ ವನ್ಯಧಾಮ	78.62
2	ಮೈಸೂರು	ವನ್ಯಜೀವಿ ವಿಭಾಗ, ಮೈಸೂರು	ಆದಿಚುಂಚನಗಿರಿ ನವಿಲುಧಾಮ	0.84
			ರಂಗನತಿಟ್ಟು ಪಕ್ಷಿಧಾಮ	0.67
			ಅರಬಿತಿಟ್ಟು ಪಕ್ಷಿಧಾಮ	13.50
			ಮೇಲುಕೋಟೆ ವನ್ಯಧಾಮ	49.82
3	ಚಾಮರಾಜನಗರ	ಬಿ.ಆರ್.ಟಿ. ಹುಲಿ ಸಂರಕ್ಷಿತ ಪ್ರದೇಶ, ಚಾಮರಾಜನಗರ	ಬಿ.ಆರ್.ಟಿ. ಹುಲಿ ಸಂರಕ್ಷಿತ ಪ್ರದೇಶ	539.52
		ಕಾವೇರಿ ವನ್ಯಜೀವಿ ವಿಭಾಗ, ಕೊಳ್ಳೇಗಾಲ	ಕಾವೇರಿ ವನ್ಯಧಾಮ	1027.53
			ಕಾವೇರಿ ವಿಸ್ತರಿಸಿದ ವನ್ಯಧಾಮ	53.39
		ಎಂ.ಎಂ.ಹಿಲ್ಸ್ ವನ್ಯಜೀವಿ ವಿಭಾಗ, ಕೊಳ್ಳೇಗಾಲ	ಮಲೈಮಹದೇಶ್ವರ ವನ್ಯಧಾಮ	906.187
4	ಕೊಡಗು ವೃತ್ತ, ಮಡಿಕೇರಿ	ವನ್ಯಜೀವಿ ವಿಭಾಗ, ಮಡಿಕೇರಿ	ಪುಷ್ಪಗಿರಿ ವನ್ಯಧಾಮ	102.92
			ತಲಕಾವೇರಿ ವನ್ಯಧಾಮ	105.59
			ಬ್ರಹ್ಮಗಿರಿ ವನ್ಯಧಾಮ	181.29
5	ಮಂಗಳೂರು ವೃತ್ತ, ಮಂಗಳೂರು	ಕುದುರೆಮುಖ ವನ್ಯಜೀವಿ ವಿಭಾಗ, ಕಾರ್ಕಳ	ಕುದುರೆಮುಖ ರಾಷ್ಟ್ರೀಯ ಉದ್ಯಾನವನ	600.57
			ಸೋಮೇಶ್ವರ ವನ್ಯಧಾಮ	314.25
			ಮೂಕಾಂಬಿಕ ವನ್ಯಧಾಮ	370.37
6	ಕೆನರಾ ವೃತ್ತ, ಶಿರಸಿ	ಕಾಳಿ ಹುಲಿ ಸಂರಕ್ಷಿತ ಪ್ರದೇಶ, ದಾಂಡೇಲಿ	ದಾಂಡೇಲಿ ವನ್ಯಜೀವಿಧಾಮ,	886.41
			ಅಣಶಿ ರಾಷ್ಟ್ರೀಯ ಉದ್ಯಾನವನ	417.34
		ಹಳಿಯಾಳ ವಿಭಾಗ	ಅತ್ತಿವೇರಿ ಪಕ್ಷಿಧಾಮ	2.23
7	ಶಿವಮೊಗ್ಗ ವೃತ್ತ, ಶಿವಮೊಗ್ಗ.	ವನ್ಯಜೀವಿ ವಿಭಾಗ, ಶಿವಮೊಗ್ಗ	ಶೆಟ್ಟಿಹಳ್ಳಿ ವನ್ಯಧಾಮ	395.60
			ಶರಾವತಿ ವ್ಯಾಲಿ ಎಲ್.ಟಿ.ಎಂ. ವನ್ಯಧಾಮ	930.16
			ಗುಡವಿ ವನ್ಯಧಾಮ	0.73
8	ಚಿಕ್ಕಮಗಳೂರು ವೃತ್ತ, ಚಿಕ್ಕಮಗಳೂರು	ಭದ್ರಾ ಹುಲಿ ಸಂರಕ್ಷಿತ ಪ್ರದೇಶ, ಚಿಕ್ಕಮಗಳೂರು	ಭದ್ರಾ ವನ್ಯಧಾಮ	500.16

ಕ್ರ ಸಂ	ಪ್ರಶ್ನೆ	ಉತ್ತರ

ಕ್ರ ಸಂ.	ವೃತ್ತ	ವಿಭಾಗ	ರಾಷ್ಟ್ರೀಯ ಉದ್ಯಾನವನ / ವನ್ಯಧಾಮ	ಪ್ರದೇಶ (ಚ.ಕಿ.ಮಿ. ಗಳಲ್ಲಿ)
9	ಧಾರವಾಡ ವೃತ್ತ, ಧಾರವಾಡ	ಹಾವೇರಿ ವಿಭಾಗ	ರಾಣೇಬೆನ್ನೂರು ಕೃಷ್ಣಮೃಗ ಧಾಮ	119.00
		ಗದಗ ವಿಭಾಗ	ಕಪ್ಪತ್ತಗುಡ್ಡ ವನ್ಯಧಾಮ	244.15
10.	ಬಳ್ಳಾರಿ ವೃತ್ತ, ಬಳ್ಳಾರಿ	ಬಳ್ಳಾರಿ (ಪ್ರಾ) ವಿಭಾಗ	ದರೋಜಿ ಕರಡಿಧಾಮ	82.72
			ಗುಡೇಕೋಟೆ ಕರಡಿಧಾಮ	47.61
			ಗುಡೇಕೋಟೆ ವಿಸ್ತರಿಸಿದ ಕರಡಿಧಾಮ	120.05
		ದಾವಣಗೆರೆ (ಪ್ರಾ) ವಿಭಾಗ.	ರಂಗಯ್ಯನ ದುರ್ಗಾ ಕೊಂಡುಕುರಿ ವನ್ಯಧಾಮ	77.23
		ಚಿತ್ರದುರ್ಗ(ಪ್ರಾ) ವಿಭಾಗ	ಜೋಗಿಮಟ್ಟಿ ವನ್ಯಧಾಮ	100.48
11.	ಕ್ಷೇತ್ರ ನಿರ್ದೇಶಕರು, ಹುಲಿಯೋಜನೆ, ಮೈಸೂರು.	ಹುಲಿ ಸಂರಕ್ಷಿತ ಪ್ರದೇಶ, ಬಂಡೀಪುರ.	ಬಂಡೀಪುರ ಹುಲಿ ಸಂರಕ್ಷಿತ ಪ್ರದೇಶ	872.24
			ನುಗು ವನ್ಯಧಾಮ	30.32
		ನಾಗರಹೊಳೆ ಹುಲಿ ಸಂರಕ್ಷಿತ ಪ್ರದೇಶ, ಹುಣಸೂರು.	ನಾಗರಹೊಳೆ ಹುಲಿ ಸಂರಕ್ಷಿತ ಪ್ರದೇಶ	643.39
12.	ಬೆಳಗಾವಿ ವೃತ್ತ	ಬೆಳಗಾವಿ (ಪ್ರಾ) ವಿಭಾಗ.	ಭೀಮಘಡ ವನ್ಯಧಾಮ	190.42
		ಗೋಕಾಕ್ (ಪ್ರಾ) ವಿಭಾಗ.	ಘಟಪ್ರಭಾ ಪಕ್ಷಿಧಾಮ	29.78
		ಬಾಗಲಕೋಟೆ(ಪ್ರಾ) ವಿಭಾಗ	ಯಡಹಳ್ಳಿ ಚಿಂಕಾರ ವನ್ಯಧಾಮ	96.36
13.	ಗುಲ್ಬರ್ಗಾ ವೃತ್ತ	ಗುಲ್ಬರ್ಗಾ (ಪ್ರಾ) ವಿಭಾಗ.	ಚಿಂಚೋಳಿ ವನ್ಯಧಾಮ	134.88
14.	ಹಾಸನ ವೃತ್ತ	ತುಮಕೂರು(ಪ್ರಾ) ವಿಭಾಗ.	ತಿಮ್ಲಾಪುರ ವನ್ಯಧಾಮ	50.86
			ಬುಕ್ಕಾಪಟ್ಟಣ ಚಿಂಕಾರ ವನ್ಯಧಾಮ	136.11
			ಒಟ್ಟು ಪ್ರದೇಶ	10,717.27

ಆ)	ಕುದುರೆಮುಖ ರಾಷ್ಟ್ರೀಯ ಉದ್ಯಾನವನ, ಸೋಮೇಶ್ವರ ವನ್ಯಜೀವಿ ಅಭಯಾರಣ್ಯ, ಮೂಕಾಂಬಿಕಾ ವನ್ಯಜೀವಿ ಅಭಯಾರಣ್ಯ ಪ್ರದೇಶದಲ್ಲಿ ಪರಿಸರ ಸೂಕ್ಷ್ಮ ವಲಯದ (eco-sensitive zone) ಅಧಿಸೂಚನೆಯನ್ನು ಹೊರಡಿಸಲಾಗಿದೆಯೇ; ಹಾಗಿದ್ದಲ್ಲಿ, ಈ ಕುರಿತಾದ ಅಧಿಸೂಚನೆಯ ಪ್ರತಿಯನ್ನು ಒದಗಿಸುವುದು;	ಹೌದು. ಅಧಿಸೂಚನೆಗಳ ಪ್ರತಿಯನ್ನು **ಅನುಬಂಧ–1, ಅನುಬಂಧ–2** ಮತ್ತು **ಅನುಬಂಧ–3** ರಲ್ಲಿ ಒದಗಿಸಲಾಗಿದೆ.
ಇ)	ಈ ಮೂರು ಪ್ರದೇಶಗಳಲ್ಲಿ (Zonal Master Plan)ನ್ನು ತಯಾರಿಸಲಾಗಿದೆಯೇ; ಹೌದಾದಲ್ಲಿ, ಈ ಯೋಜನೆಗೆ ಮಾನಿಟರಿಂಗ್ ಸಮಿತಿಯಿಂದ ಅನುಮೋದನೆ ಪಡೆಯಲಾಗಿದೆಯೇ; (ಪ್ರತಿಯನ್ನು ಒದಗಿಸುವುದು)	ಮೇಲ್ಕಂಡ ಮೂರು ಪ್ರದೇಶಗಳಲ್ಲಿ Zonal Master Plan ಗಳು ತಯಾರಿಕಾ ಹಂತದಲ್ಲಿರುತ್ತದೆ.
ಈ)	ಈ ಅಧಿಸೂಚನೆಯ ವ್ಯಾಪ್ತಿಗೆ ಒಳಪಡುವ ಗ್ರಾಮಗಳು ಯಾವುವು; (ಜಿಲ್ಲಾವಾರು, ತಾಲ್ಲೂಕುವಾರು, ಗ್ರಾಮವಾರು ಪಟ್ಟಿಯನ್ನು ಒದಗಿಸುವುದು)	ಮೂಕಾಂಬಿಕಾ ವನ್ಯಜೀವಿಧಾಮ, ಕುದುರೆಮುಖ ರಾಷ್ಟ್ರೀಯ ಉದ್ಯಾನವನ ಮತ್ತು ಸೋಮೇಶ್ವರ ವನ್ಯಜೀವಿಧಾಮಗಳ "ಪರಿಸರ ಸೂಕ್ಷ್ಮ ವಲಯ" ದ ವ್ಯಾಪ್ತಿಗೆ ಒಳಪಡುವ ಜಿಲ್ಲಾವಾರು, ತಾಲ್ಲೂಕುವಾರು ಮತ್ತು ಗ್ರಾಮವಾರು ವಿವರ ಹಾಗೂ ಪರಿಸರ ಸೂಕ್ಷ್ಮ ವಲಯದಲ್ಲಿ ಅನುಮತಿಸಲಾದ ಮತ್ತು ನಿರ್ಬಂಧಿಸಲಾದ ಚಟುವಟಿಕೆಗಳ ಮಾಹಿತಿಯು ಉಪ ಪ್ರಶ್ನೆ (ಆ)ಗೆ ಒದಗಿಸಲಾಗಿರುವ ಅನುಬಂಧ – 1, 2, 3 ರಲ್ಲಿದೆ.
ಉ)	ಅವುಗಳಲ್ಲಿ ಅನುಮತಿಸಲಾದ ಮತ್ತು ನಿರ್ಬಂಧಿಸಲಾದ ಚಟುವಟಿಕೆಗಳು ಯಾವುವು? (ಪಟ್ಟಿಯನ್ನು ಒದಗಿಸುವುದು).	

ಸಂಖ್ಯೆ: ಅಪಜೀ 170 ಎಫ್‌ಡಬ್ಲ್ಯೂಎಲ್ 2020

(ಆನಂದ್ ಸಿಂಗ್)
ಅರಣ್ಯ, ಪರಿಸರ ಮತ್ತು ಜೀವಿಶಾಸ್ತ್ರ ಸಚಿವರು

ಚುಕ್ಕೆ ಗುರುತಿಲ್ಲದ ಪ್ರಶ್ನೆ ಸಂ: 757(930) ರ ಅನುಬಂಧ-1 (65)

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 2nd July, 2020

S.O. 2188(E).—WHEREAS, a draft notification was published in the Gazette of India, Extraordinary, *vide* notification of the Government of India in the Ministry of Environment, Forest and Climate Change number S.O. 3850 (E), dated the 25th October, 2019, inviting objections and suggestions from all persons likely to be affected thereby within the period of sixty days from the date on which copies of the Gazette containing the said notification were made available to the public;

AND WHEREAS, copies of the Gazette containing the said draft notification were made available to the public on the 25th October, 2019;

AND WHEREAS, objections and suggestions were received from persons and stakeholders in response to the aforesaid draft notification and were duly considered by the Central Government;

AND WHEREAS, Kudremukh National Park lies between the 13^0 01' to 13^0 29' North Latitude and 75^0 01' to 75^0 25' East Longitude and spread over an area of 600.57 square kilometers; and the National Park is located at the tri-junction of Chikkamagaluru, Dakshina Kannada and Udupi districts in the State of Karnataka and at the middle of Central Western Ghats (the stretch between Goa and Nilgiris), remains part of one of the 34 bio-diversity hotspots of the world and became signpost of tropical biological richness;

AND WHEREAS, the National Park is a unique landscape of low elevation wet evergreen forests and Shola-Grassland Biome in the entire stretch of the Western Ghats;

AND WHEREAS, Kudremukh landscape represents a wide range of altitudes from 135 meters mean sea level to uplands 1900 meters mean sea level and accordingly has a wide range of vegetation and attendant fauna and the major forest types of Kudremukh National Park is classified under (Champion & Seth 1968): the southern hill top tropical evergreen forests (1A/C_3) [Sholas], Tropical wet evergreen forests (1A/C_4), West coast semi-evergreen forests (2A/C2), South Indian Moist Deciduous Forests (3B/C_2) & South Indian subtropical hill savanna (8A (C 1/DS);

AND WHEREAS, apart from the floral value of Kudremukh National Park, the faunal values of Kudremukh National Park is of critical importance, Kudremukh is the largest remaining home/habitat for the single largest population of the lion tailed macaques (a flagship species of Kudremukh National Park) in India and world; the National Park is also home for King Cobra, the longest venomous snake in the world and Malabar Slender Loris a rare primate endemic to Kudremukh; the National Park is a representative of Tropical wet evergreen forest holding the assemblage of three top carnivores like tiger, leopard and wild dogs; Kudremukh National Park holds high degree of endemism for faunal groups like reptiles, amphibians and fishes. Insects represent the most diverse faunal species followed by birds inside the National Park area; other important fauna occurring in this National Park include Asiatic elephant, Indian gaur, sambar deer, barking deer/muntjac, spotted deer, mouse deer, sloth bear, striped hyena, chevrotain, wild pig, hanuman langur, bonnet macaque, Malabar giant squirrel, peacock, python and Malabar civet cat etc.; Kudremukh National Park is considered as a hottest hotspot for orchids in central Western Ghats;

AND WHEREAS, among its values, the ecosystem services provided by Kudremukh National Park is of great importance; Kudremukh National Park is the fountain head and catchment for major rivers like Tunga, Bhadra and Nethravathi and also catchments for other minor rivers like Swarna, Gurupura, Yennehole and Seethanadhi, forming the lifeline of three districts and plays a vital role in the regional economy; Kudremukh receives one of the highest rainfalls in South India (average of 7000 mm per year), further, the wet evergreen shola forest of Kudremukh act like a sponge, thus huge quantity of water is held as underground reserve and the same is released slowly into rivers throughout the year; geographically, the National Park area holds a vast and enduring effect on the regional climate (by aiding the SW Monsoon), further, Kudremukh National Park holds one of the highest standing biomass estimated at an average of 250-300 tons per hectare and therefore, acts as one of the great carbon sinks, an antidote to global warming and climate change;

AND WHEREAS, the major floral species recorded from the Kudremukh National Park includes *Calophyllum apetalum* (holi honne), *Cinnamomum sulphuratum* (dalchini), *Diospyros candollena* (kari mara), *Hopea canarensis* (malai haiga), *Hopea parviflora* (kiral bogi), *Hopea ponga* (doddele bogi), *Vanda spathulata*

*(orchid). Garcinia indica (*kokum*). Hydnocarpus pentandra (*chalmogra yenne mara, mirolhakai, durti*). Knema attenuate (*Raktamara*)*, etc;

AND WHEREAS, as per the International Union for Conservation of Nature and Natural Resources (IUCN) some of the species which fall under category of Critically Endangered, Endangered, Vulnerable, Near Threatened are found in Kudremukh National Park includes mammals such as *Panthera tigris (*tiger*). Panthera pardus (*common leopard*). Prionailurus rubiginosus (*rusty spotted cat*). Viverra civettina (*Malabar civet*). Melursus ursinus (*sloth bear*). Elephas maximus (*Asian elephant*). Bos gaurus (*gaur*). Cervus unicolor (*sambar*). Petinomys fuscocapillus (*small Travancore flying squirrel*). Ratufa indica (*Indian giant squirrel*). Manis Crassicaudata (*Indian pangolin*). Platacanthomys lasiurus (*Malabar spiny dormouse*). Lutra lutra (*common otter*). Anoxy Cinerea (*claw less otter*)*, etc;

AND WHEREAS, important birds, reptiles, amphibians and butterflies found in the National Park includes *Anthracoceros coronaatus (*Malabar pied hornbill*), Buceros bicornis (*great hornbill*). Ichthyophaga ichthyaetus (*gray headed fish eagle*), Anhinga melanogaster (*darter*). Ciconia episcopus (*woolly –necked stork*). Ficedula nigrorufa (*black and orange flycatcher*). Eumyias albicaudata (*Nilgiri fly catcher*). Indotestudo foresteni (*tortoise*). Geochelone elegans (*Indian flap shell turtle*), Crocodylus palustris (*crocodiles*). Naja Naja (*spectacled cobra*). Ophiophagus Hannah (*king cobra*). Ansonia ornate (*Malabar torrent toad*). Bufo beddomii (*Beddomi's toad*). Ramanella montana (*Jerdon's narrow-mouthed frog*). Indirana leithii (*Leith's leaping frog or Matheran Indian frog*). Limnonectes limochalrs (* Indian cricket frog*). Micrixalus saxicolus (*Malabar tropical frog*). Nyctibatrachus deccanensis (*Deccan night frog, Deccan wrinkled frog*). Nyctibatrachus major (*Malabar night frog*). Nyctibatrachus sancti palustris (*coorg night frog or sacred swamp wrinkled frog*). Rana aurantiaca (*Trivandrum frog, the common wood frog*). Rana temporalis (*bronzed frog or Gunther's golden-backed frog*), Tomoptema rufescens (*Rufescent Burrowing frog*)*, Idea malbarica (Malabar tree nymph), etc;

AND WHEREAS, it is necessary to conserve and protect the area, the extent and boundaries of which are specified in paragraph 1, around the protected area of the Kudremukh National Park as Eco-sensitive Zone from ecological, environmental and biodiversity point of view and to prohibit industries or class of industries and their operations and processes in the said Eco-sensitive Zone;

NOW, THEREFORE, in exercise of the powers conferred by sub-section (1) and clauses (v) and (xiv) of sub-section (2) and sub-section (3) of Section 3 of the Environment (Protection) Act 1986 (29 of 1986) (hereafter in this notification referred to as the Environment Act), read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area to an extent varying from 0 (zero) to 9.60 kilometres around the boundary of Kudremukh National Park, in Chikkamagaluru, Dakshina Kannada and Udupi districts in the State of Karnataka as the Kudremukh National Park Eco-sensitive Zone (hereafter in this notification referred to as the Eco-sensitive Zone) details of which are as under, namely: -

1. **Extent and boundaries of Eco-sensitive Zone.** – (1) The Eco-sensitive Zone shall be to an extent of 0 (zero) to 9.60 kilometres around the boundary of Kudremukh National Park and the area of the Eco-sensitive Zone is 316.63 square kilometres, *(zero extent of Eco-sensitive Zone in the northern side of the Kudremukh National Park is due to adjoining of Someshwara Wildlife Sanctuary).*

(2) The boundary description of Kudremukh National Park and its Eco-sensitive Zone is appended in **Annexure-I.**

(3) The maps of the Kudremukh National Park demarcating Eco-sensitive Zone along with boundary details and latitudes and longitudes are appended as **Annexure-IIA, Annexure-IIB, Annexure-IIC, Annexure-IID and Annexure-IIE.**

(4) List of geo-coordinates of the boundary of Kudremukh National Park and Eco-sensitive Zone are given in Table A and Table B of **Annexure III.**

(5) The list of enclave villages, villages falling in the proposed Eco-sensitive Zone and area of reserved forest along with their geo co-ordinates at prominent points is appended as Table A, Table B and Table C of Annexure-IV.

2. **Zonal Master Plan for Eco-sensitive Zone.**- (1) The State Government shall, for the purposes of the Eco-sensitive Zone prepare a Zonal Master Plan within a period of two years from the date of publication

of this notification in the Official Gazette, in consultation with local people and adhering to the stipulations given in this notification for approval of the competent authority in the State.

(2) The Zonal Master Plan for the Eco-sensitive Zone shall be prepared by the State Government in such manner as is specified in this notification and also in consonance with the relevant Central and State laws and the guidelines issued by the Central Government, if any.

(3) The Zonal Master Plan shall be prepared in consultation with the following Departments of the State Government, for integrating the ecological and environmental considerations into the said plan:-

(i) Environment;
(ii) Forest and Wildlife;
(iii) Urban Development;
(iv) Tourism;
(v) Municipal;
(vi) Revenue;
(vii) Agriculture;
(viii) Rural Development;
(ix) Irrigation and Flood Control;
(x) Panchayati Raj;
(xi) Karnataka State Pollution Control Board; and
(xii) Public Works Department.

(4) The Zonal Master Plan shall not impose any restriction on the approved existing land use, infrastructure and activities, unless so specified in this notification and the Zonal Master Plan shall factor in improvement of all infrastructure and activities to be more efficient and eco-friendly.

(5) The Zonal Master Plan shall provide for restoration of denuded areas, conservation of existing water bodies, management of catchment areas, watershed management, groundwater management, soil and moisture conservation, needs of local community and such other aspects of the ecology and environment that need attention.

(6) The Zonal Master Plan shall demarcate all the existing worshipping places, villages and urban settlements, types and kinds of forests, agricultural areas, fertile lands, green area, such as, parks and like places, horticultural areas, orchards, lakes and other water bodies with supporting maps giving details of existing and proposed land use features.

(7) The Zonal Master Plan shall regulate development in Eco-sensitive Zone and adhere to prohibited and regulated activities listed in the Table in paragraph 4 and also ensure and promote eco-friendly development for security of local communities' livelihood.

(8) The Zonal Master Plan shall be co-terminus with the Regional Development Plan.

(9) The Zonal Master Plan so approved shall be the reference document for the Monitoring Committee for carrying out its functions of monitoring in accordance with the provisions of this notification.

3. **Measures to be taken by State Government.**- The State Government shall take the following measures for giving effect to the provisions of this notification, namely:-

(1) **Land use.**– (a) Forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes in the Eco-sensitive Zone shall not be used or converted into areas for commercial or residential or industrial activities:

Provided that the conversion of agricultural and other lands, for the purpose other than that specified at clause (a) above, within the Eco-sensitive Zone may be permitted on the recommendation of the Monitoring Committee, and with the prior approval of the competent authority under Regional Town Planning Act and other rules and regulations of Central Government or State Government as applicable and *vide* provisions of this notification, to meet the residential needs of the local residents and for activities such as-

(i) widening and strengthening of existing roads and construction of new roads;

(ii) construction and renovation of infrastructure and civic amenities;

(iii) small scale industries not causing pollution:

(iv) cottage industries including village industries; convenience stores and local amenities supporting eco-tourism including home stay; and

(v) promoted activities given in paragraph 4:

Provided further that no use of tribal land shall be permitted for commercial and industrial development activities without the prior approval of the competent authority under Regional Town Planning Act and other rules and regulations of the State Government and without compliance of the provisions of article 244 of the Constitution or the law for the time being in force, including the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007):

Provided also that any error appearing in the land records within the Eco-sensitive Zone shall be corrected by the State Government, after obtaining the views of Monitoring Committee, once in each case and the correction of said error shall be intimated to the Central Government in the Ministry of Environment, Forest and Climate Change:

Provided also that the correction of error shall not include change of land use in any case except as provided under this sub-paragraph.

(b) Efforts shall be made to reforest the unused or unproductive agricultural areas with afforestation and habitat restoration activities.

(2) **Natural water bodies.**-The catchment areas of all natural springs shall be identified and plans for their conservation and rejuvenation shall be incorporated in the Zonal Master Plan and the guidelines shall be drawn up by the State Government in such a manner as to prohibit development activities at or near these areas which are detrimental to such areas.

(3) **Tourism or eco-tourism.**- (a) All new eco-tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be as per the Tourism Master Plan for the Eco-sensitive Zone.

(b) The Tourism Master Plan shall be prepared by the State Department of Tourism in consultation with State the Departments of Environment and Forests.

(c) The Tourism Master Plan shall form a component of the Zonal Master Plan.

(d) The Tourism Master Plan shall be drawn based on the study of carrying capacity of the Eco-sensitive Zone.

(e) The activities of eco-tourism shall be regulated as under, namely:-

(i) new construction of hotels and resorts shall not be allowed within one kilometre from the boundary of the protected area or upto the extent of the Eco-sensitive Zone, whichever is nearer:

Provided that beyond the distance of one kilometre from the boundary of the protected area till the extent of the Eco-sensitive Zone, the establishment of new hotels and resorts shall be allowed only in pre-defined and designated areas for eco-tourism facilities as per Tourism Master Plan;

(ii) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in accordance with the guidelines issued by the Central Government in the Ministry of Environment, Forest and Climate Change and the eco-tourism guidelines issued by the National Tiger Conservation Authority (as amended from time to time) with emphasis on eco-tourism, eco-education and eco-development;

(iii) until the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the Monitoring Committee and no new hotel, resort or commercial establishment construction shall be permitted within Eco-sensitive Zone area.

(4) **Natural heritage.**- All sites of valuable natural heritage in the Eco-sensitive Zone, such as the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. shall be identified and a heritage conservation plan shall be drawn up for their preservation and conservation as a part of the Zonal Master Plan.

(5) **Man-made heritage sites.**- Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be identified in the Eco-sensitive Zone and heritage conservation plan for their conservation shall be prepared as part of the Zonal Master Plan.

(6) **Noise pollution.** - Prevention and control of noise pollution in the Eco-sensitive Zone shall be carried out in accordance with the provisions of the Noise Pollution (Regulation and Control) Rules, 2000 under the Environment Act.

(7) **Air pollution.**- Prevention and control of air pollution in the Eco-sensitive Zone shall be carried out in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.

(8) **Discharge of effluents.**- Discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the General Standards for Discharge of Environmental Pollutants covered under the Environment Act and the rules made thereunder or standards stipulated by State Government, whichever is more stringent.

(9) **Solid wastes.**- Disposal and Management of solid wastes shall be as under:-

(a) the solid waste disposal and management in the Eco-sensitive Zone shall be carried out in accordance with the Solid Waste Management Rules, 2016, published by the Government of India in the Ministry of Environment, Forest and Climate Change *vide* notification number S.O. 1357 (E), dated the 8th April, 2016; the inorganic material may be disposed in an environmental acceptable manner at site identified outside the Eco-sensitive Zone;

(b) safe and Environmentally Sound Management (ESM) of Solid wastes in conformity with the existing rules and regulations using identified technologies may be allowed within Eco-sensitive Zone.

(10) **Bio-Medical Waste.**– Bio Medical Waste Management shall be as under:-

(a) the Bio-Medical Waste disposal in the Eco-sensitive Zone shall be carried out in accordance with the Bio-Medical Waste Management, Rules, 2016, published by the Government of India in the Ministry of Environment, Forest and Climate Change *vide* notification number G.S.R 343 (E), dated the 28th March, 2016.

(b) safe and Environmentally Sound Management of Bio-Medical Wastes in conformity with the existing rules and regulations using identified technologies may be allowed within the Eco-sensitive Zone.

(11) **Plastic waste management.**- The plastic waste management in the Eco-sensitive Zone shall be carried out as per the provisions of the Plastic Waste Management Rules, 2016, published by the Government of India in the Ministry of Environment, Forest and Climate Change *vide* notification number G.S.R. 340(E), dated the 18th March, 2016, as amended from time to time.

(12) **Construction and demolition waste management.**- The construction and demolition waste management in the Eco-sensitive Zone shall be carried out as per the provisions of the Construction and Demolition Waste Management Rules, 2016, published by the Government of India in the Ministry of Environment, Forest and Climate Change *vide* notification number G.S.R. 317(E), dated the 29th March, 2016, as amended from time to time.

(13) **E-waste.**- The e - waste management in the Eco-sensitive Zone shall be carried out as per the provisions of the E-Waste Management Rules, 2016, published by the Government of India in the Ministry of Environment, Forest and Climate Change, as amended from time to time.

(14) **Vehicular traffic.**– The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal Master plan is prepared and approved by the competent authority in the State

Government, the Monitoring Committee shall monitor compliance of vehicular movement under the relevant Acts and the rules and regulations made thereunder.

(15) **Vehicular pollution.-** Prevention and control of vehicular pollution shall be incompliance with applicable laws and efforts shall be made for use of cleaner fuels.

(16) **Industrial units.–** (i) On or after the publication of this notification in the Official Gazette, no new polluting industries shall be permitted to be set up within the Eco-sensitive Zone.

(ii) Only non-polluting industries shall be allowed within Eco-sensitive Zone as per the classification of Industries in the guidelines issued by the Central Pollution Control Board in February, 2016, unless so specified in this notification, and in addition, the non-polluting cottage industries shall be promoted.

(17) **Protection of hill slopes.-** The protection of hill slopes shall be as under:-

(a) the Zonal Master Plan shall indicate areas on hill slopes where no construction shall be permitted;

(b) construction on existing steep hill slopes or slopes with a high degree of erosion shall not be permitted.

4. **List of activities prohibited or to be regulated within Eco-sensitive Zone.-** All activities in the Eco sensitive Zone shall be governed by the provisions of the Environment Act and the rules made there under including the Coastal Regulation Zone, 2011 and the Environmental Impact Assessment Notification, 2006 and other applicable laws including the Forest (Conservation) Act, 1980 (69 of 1980), the Indian Forest Act, 1927 (16 of 1927), the Wildlife (Protection) Act 1972 (53 of 1972), and amendments made thereto and be regulated in the manner specified in the Table below, namely:-

TABLE

S. No. (1)	Activity (2)	Description (3)
	A.	**Prohibited Activities**
1.	Commercial mining, stone quarrying and crushing units.	(a) All new and existing mining (minor and major minerals), stone quarrying and crushing units shall be prohibited with immediate effect except for meeting the domestic needs of bona fide local residents including digging of earth for construction or repair of houses and for manufacture of country tiles or bricks for housing and for personal consumption; (b) The mining operations shall be carried out in accordance with the order of the Hon'ble Supreme Court dated the 4th August, 2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No.202 of 1995 and dated the 21st April, 2014 in the matter of Goa Foundation Vs. UOI in W.P.(C) No.435 of 2012.
2.	Setting up of new saw mills.	New or expansion of existing saw mills shall not be permitted within the Eco-sensitive Zone.
3.	Setting of industries causing pollution (Water, Air, Soil, Noise, etc.).	New industries and expansion of existing polluting industries in the Eco-sensitive Zone shall not be permitted: Provided that non-polluting industries shall be allowed within Eco-sensitive Zone as per classification of Industries in the guidelines issued by the Central Pollution Control Board in February, 2016, unless otherwise specified in this notification and in addition the non-polluting cottage industries shall be promoted.
4.	Commercial use of firewood.	Prohibited (except as otherwise provided) as per applicable laws.
5.	Establishment of major hydro-electric	Prohibited (except as otherwise provided) as per the

S. No. (1)	Activity (2)	Description (3)
	project.	applicable laws.
6.	Use or production or processing of any hazardous substances.	Prohibited (except as otherwise provided) as per the applicable laws.
7.	Discharge of untreated effluents in natural water bodies or land area.	Prohibited (except as otherwise provided) as per the applicable laws.
8.	New wood based industry.	No establishment of new wood based industry shall be permitted within the limits of Eco-sensitive Zone: Provided the existing wood-based industry may continue as per law.
9.	Erection of wind mills.	Prohibited (except as otherwise provided) as per the applicable laws.
10.	Setting up of brick kilns.	Prohibited (except as otherwise provided) as per the applicable laws.
	B. Regulated Activities	
11.	Use of polythene bags.	Regulated as per the applicable laws.
12.	Commercial establishment of hotels and resorts.	No new commercial hotels and resorts shall be permitted within one kilometer of the boundary of the protected area or upto the extent of Eco-sensitive Zone, whichever is nearer, except for small temporary structures for eco-tourism activities: Provided that, beyond one kilometer from the boundary of the protected area or upto the extent of Eco-sensitive Zone, whichever is nearer, all new tourist activities or expansion of existing activities shall be in conformity with the Tourism Master Plan and guidelines as applicable.
13.	Construction activities.	(a) New commercial construction of any kind shall not be permitted within one kilometer from the boundary of the protected area or upto extent of the Eco-sensitive Zone, whichever is nearer: Provided that, local people shall be permitted to undertake construction in their land for their use including the activities mentioned in sub-paragraph (1) of paragraph 3 as per building bye-laws to meet the residential needs of the local residents: Provided further that the construction activity related to small scale industries not causing pollution shall be regulated and kept at the minimum, with the prior permission from the competent authority as per applicable rules and regulations, if any. (b) Beyond one kilometer it shall be regulated as per the Zonal Master Plan.
14.	Felling of trees.	(a) There shall be no felling of trees in the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government. (b) The felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.
15.	Commercial extraction of surface and ground water.	Regulated as per the applicable laws.
16.	Erection of electrical and communication towers and laying of cables and other	Regulated under applicable laws (underground cabling may be promoted).

S. No. (1)	Activity (2)	Description (3)
	infrastructures.	
17.	Fencing of existing premises of hotels and lodges.	Regulated as per the applicable laws.
18.	Widening and strengthening of existing roads and construction of new roads.	Taking measures of mitigation as per the applicable laws, rules, regulations and available guidelines.
19.	Movement of vehicular traffic at night.	Regulated for commercial purpose under applicable laws.
20.	Introduction of exotic species.	Regulated as per the applicable laws.
21.	Protection of hill slopes and river banks.	Regulated as per the applicable laws.
22.	Discharge of treated waste water or effluents in natural water bodies or land area.	The discharge of treated waste water or effluents shall be avoided to enter into the water bodies and efforts shall be made for recycle and reuse of treated waste water. Otherwise the discharge of treated waste water or effluent shall be regulated as per the applicable laws.
23.	Commercial sign boards and hoardings.	Regulated as per the applicable laws.
24.	Small scale non polluting industries.	Non polluting industries as per classification of industries issued by the Central Pollution Control Board in February, 2016 and non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous materials from the Eco-sensitive Zone shall be permitted by the competent Authority.
25.	Collection of Forest produce or Non-Timber Forest produce.	Regulated as per the applicable laws.
26.	Air and vehicular pollution.	Regulated as per the applicable laws.
27.	Drastic change of agriculture systems.	Regulated as per the applicable laws.
28.	Infrastructure including civic amenities.	Taking measures of mitigation as per the applicable laws, rules and regulations available guidelines.
29.	Undertaking other activities related to tourism like flying over the Eco-sensitive Zone area by hot air balloon, helicopter, drones, microlites, etc.	Regulated as per the applicable laws.
30.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	Permitted as per the applicable laws for use of locals.
31.	Establishment of large-scale commercial livestock and poultry farms by firms, corporate and companies.	Regulated (except otherwise provided) as per the applicable laws except for meeting local needs.
32.	Solid waste management.	Regulated as per the applicable laws.
33.	Eco-tourism.	Regulated as per the applicable laws.
	C. Promoted Activities	
34.	Rain water harvesting.	Shall be actively promoted.
35.	Organic farming.	Shall be actively promoted.
36.	Adoption of green technology for all activities.	Shall be actively promoted.
37.	Cottage industries including village artisans, etc.	Shall be actively promoted.
38.	Use of renewable energy and fuels.	Bio-gas, solar light, etc. shall be actively promoted.
39.	Agro-Forestry.	Shall be actively promoted.
40.	Plantation of Horticulture and Herbals.	Shall be actively promoted.
41.	Use of eco-friendly transport.	Shall be actively promoted.
42.	Skill Development.	Shall be actively promoted.

S. No. (1)	Activity (2)	Description (3)
43.	Restoration of degraded land/ forests/ habitat.	Shall be actively promoted.
44.	Environmental awareness.	Shall be actively promoted.

5. Monitoring Committee for Monitoring the Eco-sensitive Zone Notification.- For effective monitoring of the provisions of this notification, under sub-section (3) of section 3 of the Environment (Protection) Act, 1986, the Central Government hereby constitutes a Monitoring Committee, comprising of the following, namely:-

Sl. No.	Constituent of the Monitoring Committee	Designation
(i)	Regional Commissioner, Mysore	Chairman, ex officio;
(ii)	Representative of the Department of Environment, Government of Karnataka;	Member;
(iii)	Representative of the Department of Urban Development, Government of Karnataka	Member;
(iv)	Representative of Karnataka State Pollution Control Board	Member;
(v)	A representative of Non-Government Organisation working in the field of environment to be nominated by the Government of Karnataka for a term of one year in each case	Member;
(vi)	An expert in the area of ecology and environment to be nominated by the Government of Karnataka for a term of one year in each case	Member;
(vii)	Deputy Commissioner or his representative, Chikkamagaluru	Member;
(viii)	Deputy Commissioner or his representative, Udupi	Member;
(ix)	Deputy Commissioner or his representative, Dakshina Kannada	Member;
(x)	Member from Legislative assembly from Mudigere constituency	Member;*
(xi)	Member from Legislative assembly from Karkala constituency	Member;*
(xii)	Member from Legislative assembly from Belthangadi constituency;	Member;*
(xiii)	Member from Legislative assembly from Sringeri constituency	Member;*
(xiv)	The Deputy Conservator of Forests, Kudremukh Wildlife Division, Karkala	Member-Secretary.

*(Subject to the State Government of Karnataka obtaining relevant approvals *inter alia* including permission from the Speaker of Legislative Assembly, Karnataka, if required)

6. Terms of reference. – (1) The Monitoring Committee shall monitor the compliance of the provisions of this notification.

(2) The tenure of the Monitoring committee shall be for three years or till the re-constitution of the new Monitoring Committee by the State Government and subsequently the Monitoring Committee shall be constituted by the State Government.

(3) The activities that are covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533 (E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the Monitoring Committee based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment, Forest and Climate Change for prior environmental clearances under the provisions of the said notification.

(4) The activities that are not covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forest number S.O. 1533 (E), dated the 14th September, 2006 and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the Monitoring Committee based on the actual site-specific conditions and referred to the concerned regulatory authorities.

(5) The Member-Secretary of the Monitoring Committee or the concerned Deputy Commissioner(s) shall be competent to file complaints under section 19 of the Environment Act, against any person who contravenes the provisions of this notification.

(6) The Monitoring Committee may invite representatives or experts from concerned Departments. representatives from industry associations or concerned stakeholders to assist in its deliberations depending on the requirements on issue to issue basis.

(7) The Monitoring Committee shall submit the annual action taken report of its activities as on the 31st March of every year by the 30th June of that year to the Chief Wildlife Warden in the State as per proforma appended at **Annexure V**.

(8) The Central Government in the Ministry of Environment, Forest and Climate Change may give such directions, as it deems fit, to the Monitoring Committee for effective discharge of its functions.

7. Additional measures.- The Central Government and State Government may specify additional measures, if any, for giving effect to provisions of this notification.

8. Supreme Court, etc orders. - The provisions of this notification shall be subject to the orders, if any passed or to be passed by the Hon'ble Supreme Court of India or High Court or the National Green Tribunal.

[F. No. 25/147/2015-ESZ-RE]

DR. SATISH C. GARKOTI, Scientist 'G'

ANNEXURE- I

BOUNDARY DESCRIPTION OF ECOSENSITIVE ZONE AROUND KUDREMUKH NATIONAL PARK IN THE STATE KARNATAKA

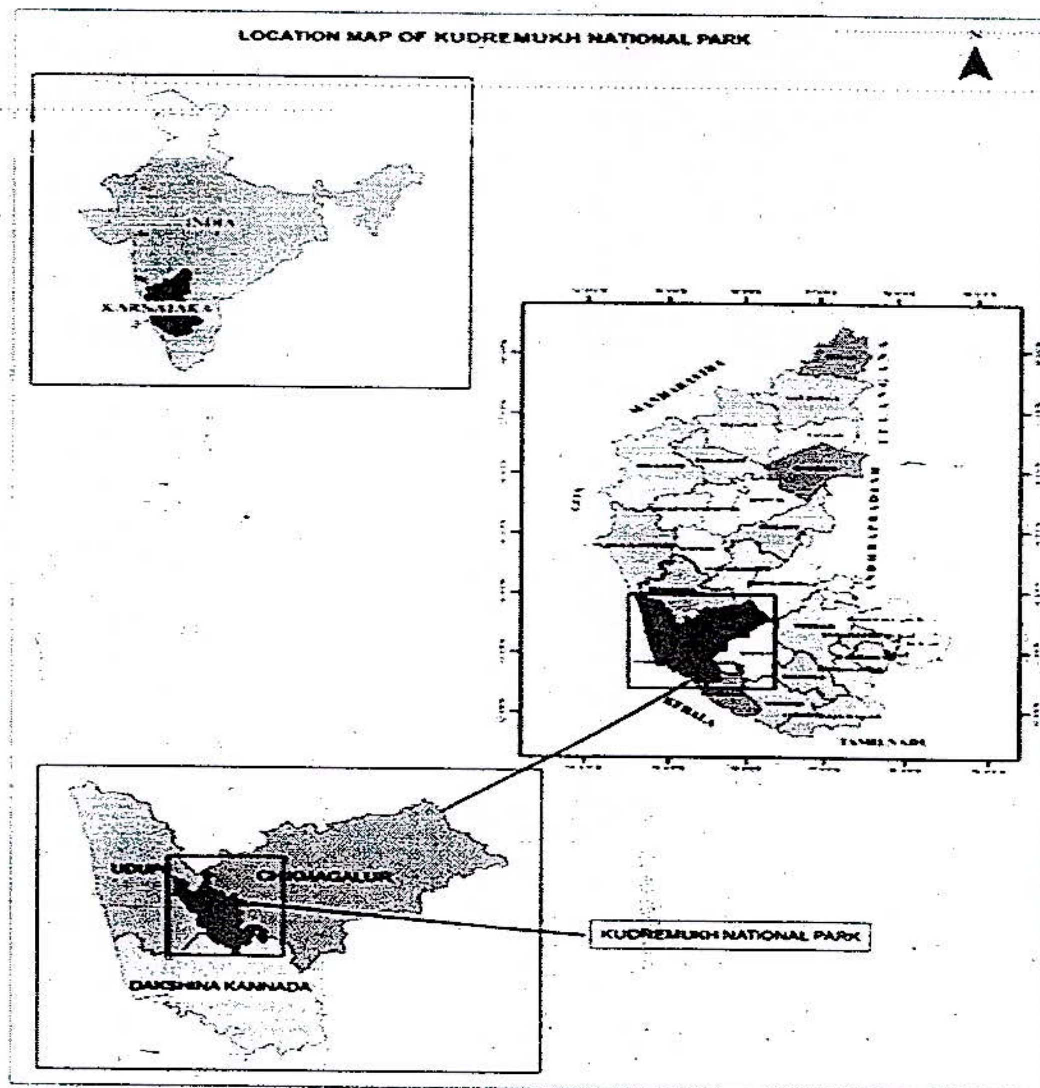
North:-	The boundary line of Kudremukh Eco-Sensitive Zone starts from Bacchappu of Mudradi Village and runs towards South East along Kudremukh National Park boundary and joins Kaopli stream near Kapoli. Further it moves along the Kaopali stream towards South East direction and joins Someshwara Reserve Forest boundary. Further the Eco-Sensitive Zone boundary continues along the Someshwara Reserve Forest boundary towards South East andagain join the Kudremukh National Park boundary line at Durga. Further it moves along the Kudremukh National Park boundary in South easterly and then North easterly direction till it reaches the Northern tip of Narasimha Parvatha State Forest. Then it joins to peak point 767 near Kote. The Eco-Sensitive Zone boundary line merges with the Eastern Eco-Sensitive Zone boundary line of Someshwara Wildlife Sanctuary.
East:-	Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Narasimha Parvatha State Forest in the village Hasanabalu in South Easterly direction and reaches the peak point 741 near Hasanabalu it cuts the Bailubaru stream and then cuts across the Hasanabalu Kigga road at Hasanabalu and cuts the Masagi village boundary near Harahari stream. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Narasimha Parvatha State Forest in the village Masagi towards South East and East and joins the Migga village boundary near Malathi stream. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Narasimha Parvatha SF in the village Migga towards South and cut the Malathi stream and further it moves towards the South East and joins the Markal village boundary near tri junction of Hasanabalu Kigga road and Malathi stream. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Narasimha Parvatha State Forest in Markal Village and moves towards South East and cuts the Magodu stream. Further moving East along the stream and then South passing near peak point 862 near Kigga and joins the Yadalli village boundary near Hulgarbail. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Narasimha Parvatha State Forest in the village Hulgar bail towards South and cuts the Nalini stream and then it moves towards East and South East and cuts the Thunga river near Sunkadamakki and joins the Nemmar village boundary near Maruvinakombe. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Thungabadra State Forest in the village Nemmar towards South Easterly and South direction and passes through the peakpoint of 821 near Handalmane and joins the

	road at Handalmane. Further it moves towards South along the road and joins the Heruru village boundary. Further it directly connects the peak point 799 near Bukthibailu and then joins to the Bukthibailu and Valale road at peak point 641 near Bukthibailu. Futher the line travers along the road towards South Easterly up to Valale. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Thungabadra State Forest in the village Heruru and reaches the Puttagodu village boundary. Further Eco-Sensitive Zone line moves along the ridge of peak point 1044 and joins the Sringeri Taluk boundary near Hagalgangi. Further it moves along the taluk boundary and along the streams North east to the peak point 943 it joins the road near Harasige of Haralvani village. Further the line travels along the road towards South Easterly in the Haralvai village up to Golugodu stream and joins the Meguru village boundary. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Thungabadra State Forest in the village of Meguru and joins the Bhairadevaru village boundary. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Thungabadra SF in the village Bhairadevaru upto the Balekodige Attikodige road near Balekodige. Futher the line traverses along the road up to Bilalkoppa dispensary and joins Attikodige village boundary. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Thungabadra State Forest in the village in Attikodige and joins the Cowanhalla coffee estate road. Further it moves towards East and South along the road along the boundary of Cownahalla coffee estate. Further it moves South west along the forest village boundary below peakpoint 1406 and 1207 and joins the Horanadu stream. Further the Eco-Sensitive Zone boundary runs parallel to Thungabadra Sate Forest boundary towards West and Southerly in the villages Horanadu. Mavinakere. Kalkodu and it meets the Bhadra river which separate Kalkodu and Samse village.Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to South Bhadra State Forest in the village Samse towards South and easterly crossing Katnipal Hamlet, crossing Samse hole and State Highway no.66. crossing Hosanala coffee estate and reaches the cart road inside Samse tea estate in the village Samse and then reaches the Kalasa village boundary. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Naravi Reserve Forest in the village Kalasa and Marasanige village towards easterly crossing Horemakki. Aggalgudda. And reaches the Balgi village. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Naravi Reserve Forestin the village Balgi crossing Maltikhan coffee estate. Hulikhan coffee estate and reaches a cart road inside Hulikhan coffee estate and reaches Durgadalli village boundary. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Naravi Reserve Forestin the village Durgadahalli crossing Horikhan coffee estate labourers lines and touches Balur State Forest.
South:-	Then the line traverses along the Balur State Forest boundary towards East and then connects the Charmadi road and then moves along the Charmadi Ghat road towards South West and connects with the Charamdi Kanapadi Reserve Forest boundary near Nadumane. Further it moves along the Charmadi Kanapadi Reserve Forest boundary towards North, South West, and turns Northerly it reaches the Bandaje stream at Allandadka. Further it moves along the stream and reaches the Bandage Malavathige road near Hosabettu. Then it moves towards North along the road and sub stream and reaches the tri junction of Mitthabagilu and Bangadi Pete road at Kellur. Further it moves towards South along the road upto Bangadi Pete. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Naravi Reserve Forestin the village Nadabettu towards South and joins the Indabettu Mura road and reaches the tri junction of Surlodi Paranadka roads at Mura further it moves along the road towards North West and reaches the stream near Idiyalugudda. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Naravi Reserve Forestin the village of Navur along Yerumale hole up to the tri junction of stream near Manjotti. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Naravi Reserve Forestin the village Nada up to the contours of Belmavigudda of Laila village. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Naravi Reserve Forest towards North westerly in the village Laila Melanthabettu and Savanalu village and crosses the Savanalu stream near Katlebettu and joins the Karambar village boundary. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Naravi Reserve Forest towards North Westerly in the village of Karambar and crosses the Karambar stream near Gopalakrishna Temple and joins the Shirlal village. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line toNaravi Reserve Foresttowards North West in the villages of Shirlal. Sulkerimogru, Navara and reaches the Karkala – Belthangadi Road Near Kudigehall further it moves towards North west along the road upto the Kuthluru stream and further it moves along the stream and reaches Kuthluru Kallaje road in

	Kuthluru village. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Naravi towards North west in Kuthluru and Naravi villages and crosses the Gundi stream near Naravi and joins the Idu village boundary. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Naravi Reserve Forest towards North West in Idu and Nuralbettu Villages and joins the Hurabe Reserve Forestat Hurabe. Further it moves along Hurabe Reserve Forest boundary and again joins the Nuralbettu village boundary along the 1Km parallel line to Naravi Reserve Forest and then reaches the Mala village boundary at Kollabettu stream.
West:-	Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Naravi Reserve Foresttowards North East and North West in the Mala village and joins the NH 169 near Mullur and then joins the Kervashe village boundary crossing Hekkunjehalla alongKoodabettu Kervashe road. Further the line moves along the Kervashe Guddeyangadi road and joins the Shirlal road at Guddeyangadi. Further it moves towards North West along the Shirlal road up to the Ajekar-Kaduhole road junction of Andar village. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Andar Reserve Foresttowards West and North in Andar and Marne villages and joins the Varanga village boundary crossing the Kaduhole stream. Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Andar Reserve Forestin the village Varanga running West below Varangagudda and joins to the Mudradi village boundary near Balladi.Further the Eco-Sensitive Zone boundary runs along the 1 Km parallel line to Andar Reserve Forestin the Mudradi village and crosses Kelakilahalla and joins the Mudradi – Bacchappu main road and then the road joins to Bacchappu. The Eco-Sensitive Zone boundary merges with the Western Eco-Sensitive Zone boundary of Someshwara Wildlife Sanctuary.

ANNEXURE- IIA

LOCATION MAP OF KUDREMUKH NATIONAL PARK AND ITS ECO-SENSITIVE ZONE ALONG WITH LATITUDE AND LONGITUDE OF PROMINENT LOCATIONS



ANNEXURE- IIB

GOOGLE MAP OF ECO-SENSITIVE ZONE OF KUDREMUKH NATIONAL PARK ALONG WITH LATITUDE AND LONGITUDE OF PROMINENT LOCATIONS

MAP SHOWING ECOSENSITIVE ZONE OF KUDREMUKH NATIONAL PARK OVERLAID ON GOOGLE IMAGERY

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1:300,000

SOMESHWARA WILDLIFE SANCTUARY

KOPPA

KUDREMUKH NATIONAL PARK

KARKALA

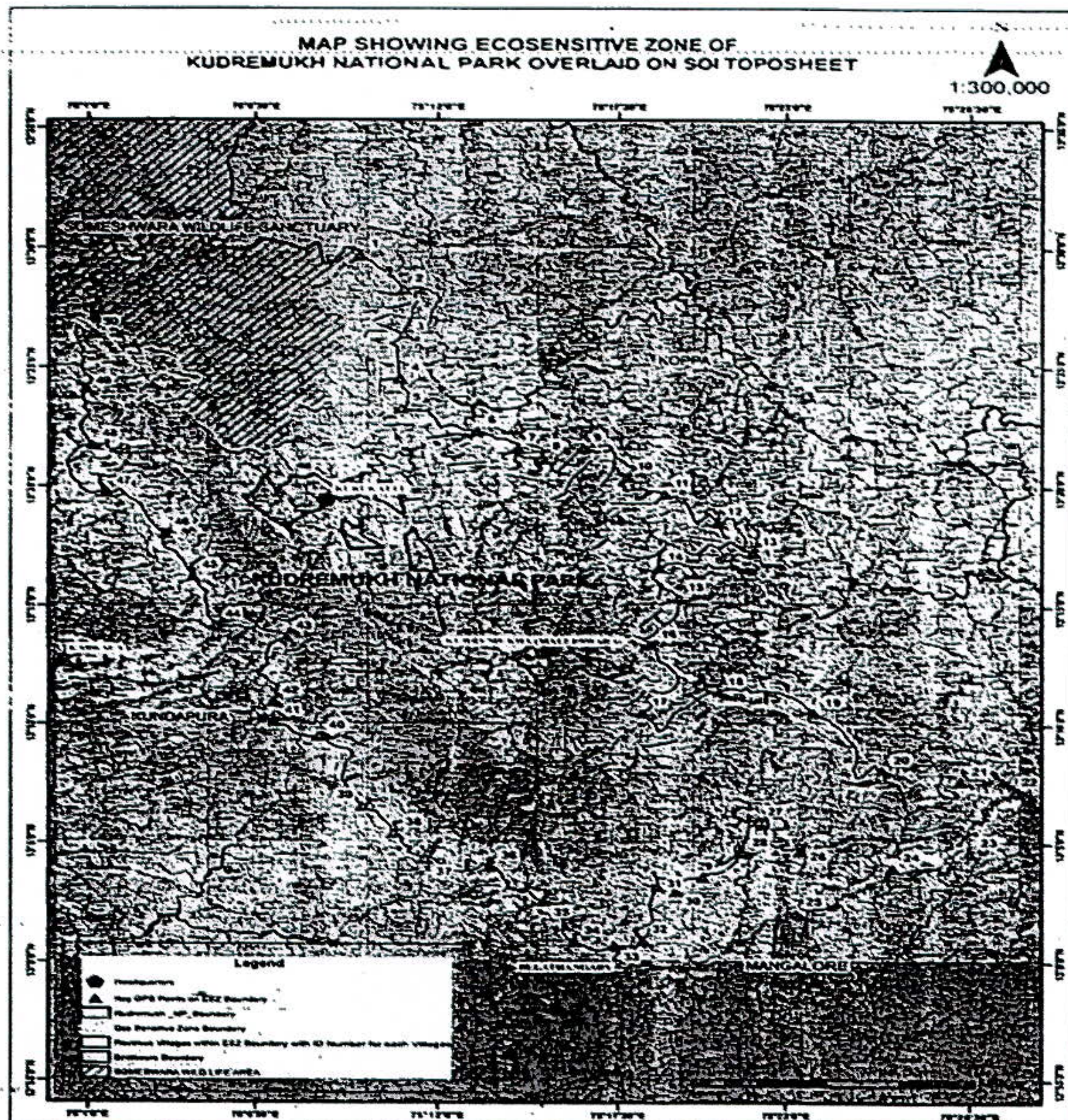
KUNDAPURA

MANGALORE

Legend

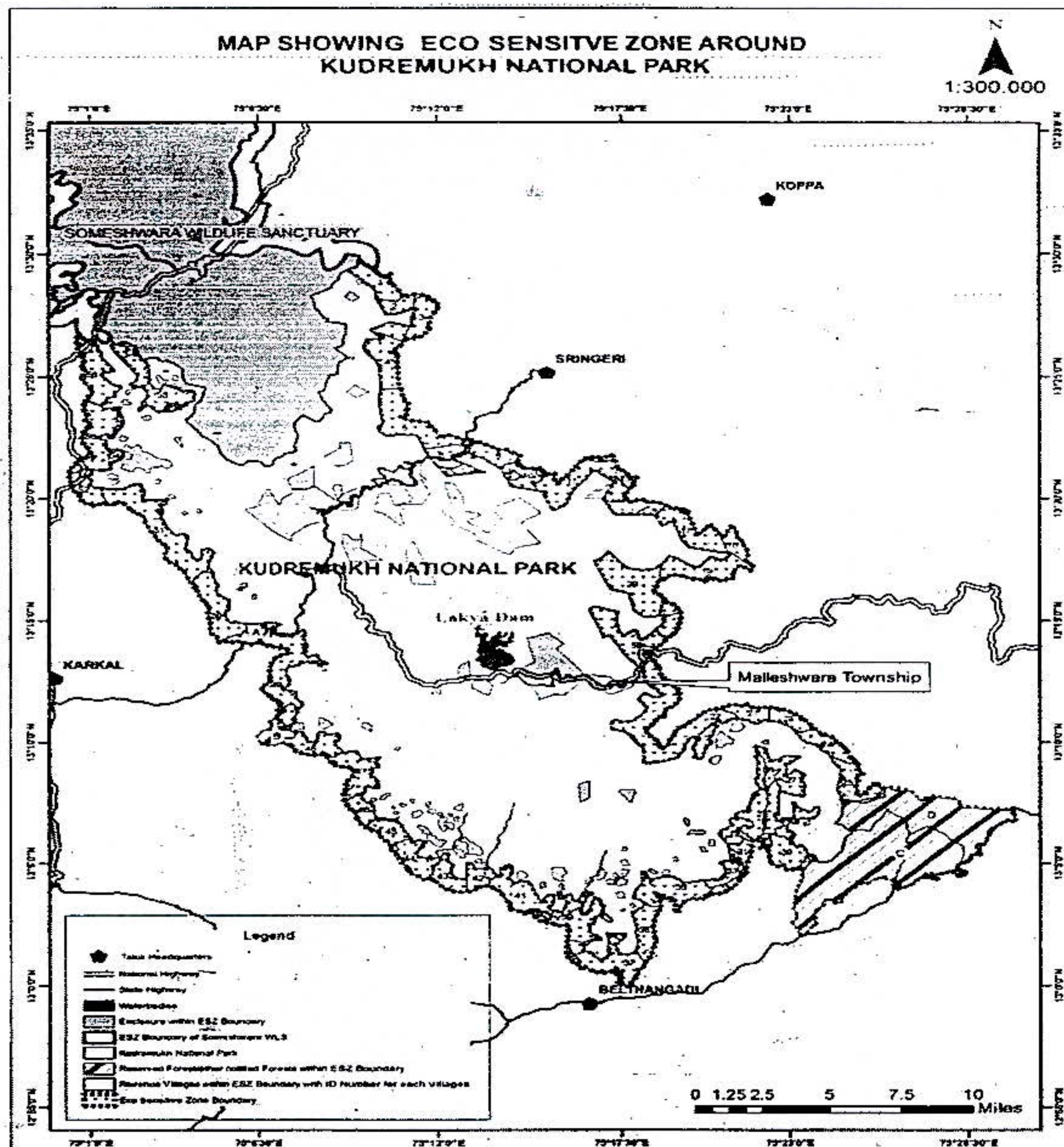
ANNEXURE- IIC

MAP OF ECO-SENSITIVE ZONE OF KUDREMUKH NATIONAL PARK ALONG WITH LATITUDE AND LONGITUDE OF PROMINENT LOCATIONS ON SURVEY OF INDIA (SOI) TOPOSHEET



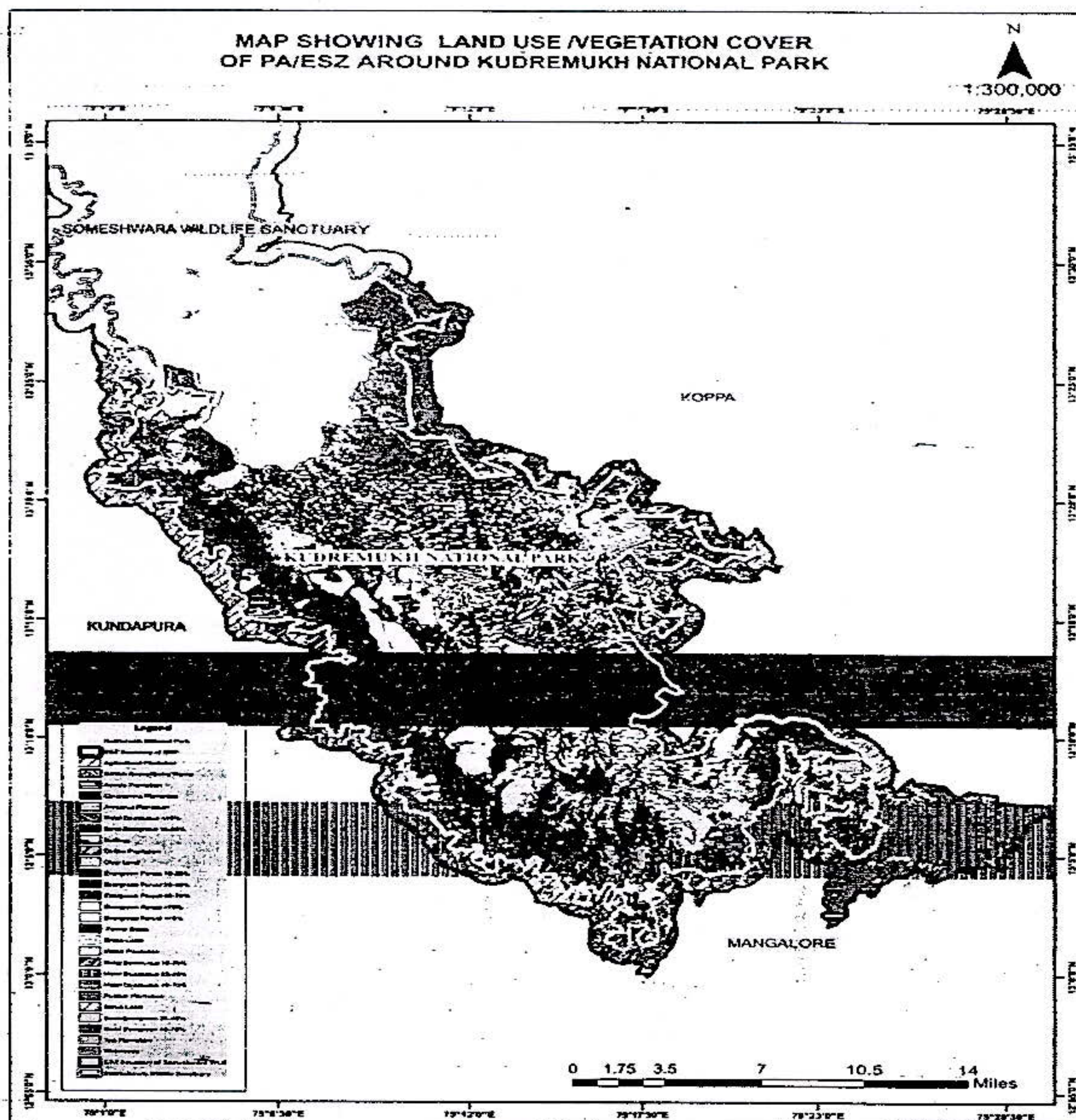
ANNEXURE- IID

MAP OF ECO-SENSITIVE-ZONE OF KUDREMUKH NATIONAL PARK ALONG WITH LATITUDE AND LONGITUDE OF PROMINENT LOCATIONS



ANNEXURE- IIE

MAP SHOWING LANDUSE PATTERN OF ECO-SENSITIVE ZONE OF KUDREMUKH NATIONAL PARK ALONG WITH LATITUDE AND LONGITUDE OF PROMINENT LOCATIONS



ANNEXURE-III

TABLE A: GEO- COORDINATES OF PROMINENT LOCATIONS OF KUDREMUKH NATIONAL PARK

Map Id	Longitude			Latitude		
	Degree	Minutes	Seconds	Degree	Minutes	Seconds
0	75	9	17.57	13	29	19.39
1	75	11	23.53	13	27	46.43
2	75	10	24.07	13	26	32.68
3	75	10	25.10	13	23	5.67
4	75	11	43.54	13	21	43.23
5	75	13	21.44	13	21	4.42
6	75	15	5.21	13	20	16.35
7	75	16	39.76	13	21	8.87
8	75	18	51.62	13	18	50.94
9	75	21	6.79	13	17	42.97
10	75	17	6.91	13	17	49.82
11	75	18	52.57	13	15	11.79
12	75	16	36.16	13	15	36.20
13	75	18	52.69	13	11	55.47
14	75	17	11.04	13	10	30.81
15	75	19	23.25	13	9	17.12
16	75	20	0.92	13	10	7.24
17	75	24	30.61	13	6	39.13
18	75	23	51.12	13	7	17.53
19	75	22	36.21	13	6	46.54
20	75	22	43.19	13	8	3.67
21	75	23	22.20	13	9	25.92
22	75	21	53.19	13	9	54.13
23	75	21	5.56	13	5	7.67
24	75	18	7.22	13	4	39.82
25	75	17	36.56	13	2	8.35
26	75	16	49.30	13	1	48.88
27	75	16	17.71	13	2	50.85
28	75	15	15.74	13	3	7.00
29	75	12	47.52	13	4	25.59
30	75	11	14.59	13	5	53.68
31	75	10	16.03	13	6	53.38
32	75	10	18.93	13	9	26.15
33	75	9	2.86	13	10	23.61
34	75	7	34.57	13	10	48.17
35	75	7	18.12	13	12	10.90
36	75	8	44.53	13	13	12.71
37	75	7	58.91	13	14	38.15
38	75	7	13.63	13	14	55.06
39	75	5	33.04	13	14	55.27
40	75	4	36.09	13	17	32.02
41	75	3	46.42	13	20	4.52

42	75	1	0.74	13	20	33.63
43	75	1	16.86	13	22	30.78
44	75	1	20.07	13	23	47.89
45	75	1	23.27	13	25	7.85
46	75	1	12.54	13	26	41.30
47	75	2	42.94	13	24	37.58
48	75	2	[illegible]	13	23	34.01
49	75	4	21.48	13	24	24.53
50	75	4	45.50	13	24	33.93
51	75	6	1.66	13	21	18.02
52	75	7	59.87	13	23	24.96
53	75	8	58.83	13	26	11.56

TABLE B: GEO-COORDINATES OF PROMINENT LOCATIONS OF ECO-SENSITIVE ZONE

Map Id	Longitude			Latitude		
	Degree	Minutes	Seconds	Degree	Minutes	Seconds
1	75	9	42.98	13	29	41.79
2	75	11	1.11	13	28	15.93
3	75	11	1.31	13	26	24.78
4	75	10	54.51	13	24	31.48
5	75	10	56.28	13	23	16.75
6	75	13	7.78	13	22	20.65
7	75	14	19.63	13	21	35.50
8	75	15	4.95	13	21	14.30
9	75	16	21.19	13	21	36.95
10	75	17	46.53	13	20	24.46
11	75	18	59.47	13	19	42.00
12	75	20	44.37	13	18	31.59
13	75	21	53.07	13	17	15.86
14	75	18	46.82	13	16	37.09
15	75	19	27.06	13	15	21.13
16	75	18	33.65	13	13	22.42
17	75	18	16.29	13	10	29.52
18	75	20	46.95	13	11	22.66
19	75	23	53.96	13	10	30.17
20	75	25	54.98	13	8	5.59
21	75	28	12.68	13	7	37.12
22	75	29	48.71	13	7	12.03
23	75	28	28.95	13	4	36.97
24	75	26	13.12	13	3	59.11
25	75	23	20.09	13	2	5.77
26	75	23	27.83	13	4	40.95
27	75	22	5.75	13	5	56.68
28	75	21	35.62	13	4	35.67
29	75	20	15.91	13	3	35.09
30	75	19	22.52	13	2	58.72

31	75	18	46.24	13	3	11.39
32	75	18	18.08	13	0	56.48
33	75	17	21.17	13	0	43.79
34	75	16	6.68	13	0	52.48
35	75	15	8.86	13	2	33.82
36	75	13	31.27	13	4	0.68
37	75	11	36.97	13	4	20.88
38	75	10	44.02	13	5	24.70
39	75	9	48.10	13	6	33.38
40	75	8	28.31	13	9	29.41
41	75	7	6.08	13	10	7.23
42	75	7	3.50	13	10	57.30
43	75	7	27.94	13	13	41.74
44	75	5	11.03	13	14	10.89
45	75	4	26.27	13	16	15.17
46	75	3	31.27	13	18	1.90
47	75	1	35.03	13	19	45.22
48	75	1	7.09	13	21	43.48
49	75	0	54.82	13	24	8.20
50	75	1	8.84	13	26	25.33

ANNEXURE-IV

TABLE A: LIST OF REVENUE ENCLOSURES LOCATED WITHIN THE KUDREMUKH NATIONAL PARK BOUNDARY FORMING A PART OF ECO-SENSITIVE ZONE

Sl. No.	Name of enclosure	Village	Name of the Taluk	Name of the District
01	Kolanthaje	Naravi	Belthangady	Dakshina Kannada
02	Mapala-mithilu	Naravi	Belthangady	Dakshina Kannada
03	Malinapithilu	Naravi	Belthangady	Dakshina Kannada
04	Munnadka	Naravi	Belthangady	Dakshina Kannada
05	Kelaginapithilu	Naravi	Belthangady	Dakshina Kannada
06	Mudady	Naravi	Belthangady	Dakshina Kannada
07	Barthaje	Kutlur	Belthangady	Dakshina Kannada
08	Kottandadka	Kutlur	Belthangady	Dakshina Kannada
09	Manila-Anjarottu	Kutlur	Belthangady	Dakshina Kannada
10	Erdady	Kutlur	Belthangady	Dakshina Kannada
11	Panjala	Kutlur	Belthangady	Dakshina Kannada
12	Onjaredady	Kutlur	Belthangady	Dakshina Kannada
13	Kuriady- Barangady	Kutlur	Belthangady	Dakshina Kannada
14	Perincha	Kutlur	Belthangady	Dakshina Kannada
15	Nangaje	Kutlur	Belthangady	Dakshina Kannada

16	Alamba	Kutlur	Belthangady	Dakshina Kannada
17	Nellithadka-Madike	Kutlur	Belthangady	Dakshina Kannada
18	Ambila	Navara	Belthangady	Dakshina Kannada
19	Kedelu	Navara	Belthangady	Dakshina Kannada
20	Malige	Sulkerimogru	Belthangady	Dakshina Kannada
21	Panjala	Sulkerimogru	Belthangady	Dakshina Kannada
22	Nirkula	Sulkerimogru	Belthangady	Dakshina Kannada
23	Hendelu	Shirlalu	Belthangady	Dakshina Kannada
24	Malekkila	Shirlalu	Belthangady	Dakshina Kannada
25	Pelahitthilu-Kudukoli	Savanal	Belthangady	Dakshina Kannada
26	Pilithaje	Savanal	Belthangady	Dakshina Kannada
27	Kuntila	Savanal	Belthangady	Dakshina Kannada
28	Kediladka	Savanal	Belthangady	Dakshina Kannada
29	Manjala	Laila	Belthangady	Dakshina Kannada
30	Panchar	Nada	Belthangady	Dakshina Kannada
31	Ermele	Nada	Belthangady	Dakshina Kannada
32	Alya	Navoor	Belthangady	Dakshina Kannada
33	Muthaje	Navoor	Belthangady	Dakshina Kannada
34	Kalaginarabe	Navoor	Belthangady	Dakshina Kannada
35	Melinarabe	Navoor	Belthangady	Dakshina Kannada
36	Bella	Navoor	Belthangady	Dakshina Kannada
37	Golthara	Navoor	Belthangady	Dakshina Kannada
38	Malla	Navoor	Belthangady	Dakshina Kannada
39	Malejody	Navoor	Belthangady	Dakshina Kannada
40	Kodange	Navoor	Belthangady	Dakshina Kannada
41	Kasaravalli	Navoor	Belthangady	Dakshina Kannada
42	Permanu	Navoor	Belthangady	Dakshina Kannada
43	Kudkoli	Malavanthige	Belthangady	Dakshina Kannada
44	Pathalike	Malavanthige	Belthangady	Dakshina Kannada
45	Suruli	Malavanthige	Belthangady	Dakshina Kannada
46	Bolle	Malavanthige	Belthangady	Dakshina Kannada
47	Bangarubaliga	Malavanthige	Belthangady	Dakshina Kannada
48	Elneer	Malavanthige	Belthangady	Dakshina Kannada
49	Badamane	Malavanthige	Belthangady	Dakshina Kannada
50	Adyathody	Malavanthige	Belthangady	Dakshina Kannada

51	Mundala	Malavanthige	Belthangady	Dakshina Kannada
52	Mandala(Sheerlu)	Shirlu	Shringeri	Chikkamagaluru
53	Gurige	Shirlu	Shringeri	Chikkamagaluru
54	Yadagaru	Gulgunjimane	Shringeri	Chikkamagaluru
55	Matholli	Gulgunjimane	Shringeri	Chikkamagaluru
56	Sunkadamakki	Sunkadamakki	Shringeri	Chikkamagaluru
57	Yammegundi	Hadi	Shringeri	Chikkamagaluru
58	Beeman Saralu	Megur	Koppa	Chikkamagaluru
59	Golgundi	Atti kodige	Koppa	Chikkamagaluru
60	Asana balu	Hasana Balu	Shringeri	Chikkamagaluru
61	Tharolli	K.Masige	Shringeri	Chikkamagaluru
62	Kithiemane Kodige	Kigga	Shringeri	Chikkamagaluru
63	Narasimha devaru-	Kigga	Shringeri	Chikkamagaluru
64	Baie Kadi	Balekadi	Shringeri	Chikkamagaluru
65	Kogodumane	Kigga	Shringeri	Chikkamagaluru
66	Ajarath	Gulgunjimane	Shringeri	Chikkamagaluru
67	Hammige	Hadikerur	Shringeri	Chikkamagaluru
68	Karuchru	Kere	Shringeri	Chikkamagaluru
69	Mudubha	Muduba	Shringeri	Chikkamagaluru
70	S.K.Border	Kere	Shringeri	Chikkamagaluru
71	Malleshwara	Samse	Mudigere	Chikkamagaluru
72	Lakya	Samse	Mudigere	Chikkamagaluru
73	Bhagavthi	Samse	Mudigere	Chikkamagaluru
74	Biligal	Samse	Mudigere	Chikkamagaluru
75	Singsar	Samse	Mudigere	Chikkamagaluru
76	Chitigal	Samse	Mudigere	Chikkamagaluru
77	Tholali	Samse	Mudigere	Chikkamagaluru
78	Kuchigeri	Samse	Mudigere	Chikkamagaluru
79	Karle	Samse	Mudigere	Chikkamagaluru
80	Halasingavare	Samse	Mudigere	Chikkamagaluru
81	Kudremukh peak	Samse	Mudigere	Chikkamagaluru
82	Adka-Mundani (Sannadarkasu)	Varanga	Karkala	Udupi
83	Perla	Kabbinale	Karkala	Udupi
84	Parikallu	Kabbinale	Karkala	Udupi
85	Mullantu	Kabbinale	Karkala	Udupi

86	Beerabettu	Kabbinale	Karkala	Udupi
87	Mundani	Kabbinale	Karkala	Udupi
88	Mutladka	Kabbinale	Karkala	Udupi
89	Kesrani	Kabbinale	Karkala	Udupi
90	Tannirabailu (Matadi)	Kabbinale	Karkala	Udupi
91	Honnakoppala	Kabbinale	Karkala	Udupi
92	Sancharimale	Kabbinale	Karkala	Udupi
93	Narpal	Kabbinale	Karkala	Udupi
94	Ponnane (Mundilghat)	Kabbinale	Karkala	Udupi
95	Mutlupady	Andar	Karkala	Udupi
96	Bolinje-I	Andar	Karkala	Udupi
97	Bolinje-II	Andar	Karkala	Udupi
98	Morantebailu	Andar	Karkala	Udupi
99	Kondadi	Andar	Karkala	Udupi
100	Kollarabailu	Andar	Karkala	Udupi
101	Narsebailu	Andar	Karkala	Udupi
102	Nadvalu	Kervashe	Karkala	Udupi
103	Berkala	Kervashe	Karkala	Udupi
104	Bijjale	Mala	Karkala	Udupi
105	Gundi	Idu	Karkala	Udupi
106	Mapala	Nuralbettu	Karkala	Udupi
107	Pelataje	Nuralbettu	Karkala	Udupi
108	Kanyal	Nuralbettu	Karkala	Udupi

TABLE B: LIST OF VILLAGES COMING UNDER ECO-SENSITIVE ZONE OF KUDREMUKH NATIONAL PARK ALONG WITH GEO-COORDINATES

Sl. No.	Name of the village	District	Taluk	Area in Ha.	Latitude	Longitude
1	Hasanbalu	Chikkamagaluru	Sringeri	372.98	13.4806162	75.1702869
2	Masagi	Chikkamagaluru	Sringeri	368.12	13.4576696	75.1799051
3	Migga	Chikkamagaluru	Sringeri	330.64	13.4569556	75.1924606
4	Markallu/rishashringapura	Chikkamagaluru	Sringeri	509.95	13.4285720	75.1743589
5	Mudradi	Udupi	Karkal	665.59	13.4198151	75.0216594
6	Kabbinale	Udupi	Karkal	747.33	13.4068817	75.0514608
7	Yadahalli	Chikkamagaluru	Sringeri	834.49	13.3853023	75.1866934
8	Varanga	Udupi	Karkal	782.16	13.3755923	75.0205032
9	Nemmar	Chikkamagaluru	Sringeri	275.80	13.3631210	75.2270108
10	Heggaru	Chikkamagaluru	Koppa	93.43	13.3470182	75.2938050

11	Kutgod	Chikkamagaluru	Sringeri	49.23	13.3602085	75.2813336
12	Andar	Udupi	Karkal	89.49	13.3570354	75.0339064
13	Sunkadamakki	Chikkamagaluru	Sringeri	272.33	13.3627448	75.2048425
14	Haruru	Chikkamagaluru	Sringeri	202.58	13.3468913	75.2426865
15	Bhairedevaru	Chikkamagaluru	Koppa	10.37	13.3245753	75.3260048
16	Mainadu	Chikkamagaluru	Sringeri	712.33	13.3451267	75.2601176
17	Karakki coffee estate	Chikkamagaluru	Sringeri	46.91	13.3517053	75.2069076
18	Nemmar coffee estate	Chikkamagaluru	Sringeri	162.10	13.3522609	75.2255255
19	Marñe	Udupi	Karkal	324.57	13.3404455	75.0150504
20	Haralvani	Chikkamagaluru	Koppa	371.65	13.3317291	75.2927051
21	Shirlál	Udupi	Karkal	1233.52	13.3115853	75.0553537
22	Megur	Chikkamagaluru	Koppa	109.47	13.3253491	75.3074405
23	Kalgundi	Chikkamagaluru	Koppa	634.11	13.3103789	75.3307146
24	Attikodagi	Chikkamagaluru	Koppa	212.78	13.3015610	75.3540951
25	Na	Chikkamagaluru	Mudigere	1017.17	13.2744715	75.2982983
26	Hornadu	Chikkamagaluru	Mudigere	755.42	13.2818411	75.3344117
27	Kalgodu	Chikkamagaluru	Mudigere	754.25	13.2385941	75.2947954
28	Berkala	Udupi	Karkal	672.38	13.2586228	75.0858342
29	Sanvshi	Chikkamagaluru	Mudigere	1673.42	13.1821117	75.3156762
30	Mavinkere/kalasa	Chikkamagaluru	Mudigere	428.50	13.2110799	75.3438585
31	Mala	Udupi	Karkal	1114.86	13.2217118	75.1206018
32	Marasangi	Chikkamagaluru	Mudigere	261.33	13.1821740	75.3834246
33	Idu	Udupi	Karkal	529.49	13.1463034	75.1597220
34	Nuralbettu	Udupi	Karkal	561.78	13.1702982	75.1349663
35	Malavanthige	Dakshina kannada	Belthangadi	1419.65	13.1457656	75.3711136
36	Naravi	Dakshina kannada	Belthangadi	237.72	13.1211333	75.1630751
37	Balgi	Chikkamagaluru	Mudigere	337.10	13.1651225	75.4027952
38	Kuthlur	Dakshina kannada	Belthangadi	299.39	13.1053304	75.1763632
39	Durgadahalli	Chikkamagaluru	Mudigere	403.93	13.1388647	75.4168216
40	Mudgundi	Chikkamagaluru	Mudigere	40.57	13.1287820	75.4278564
41	Sulkerimogru	Dakshina kannada	Belthangadi	217.55	13.0739938	75.2193580
42	Mithabagilu	Dakshina kannada	Belthangadi	894.45	13.1174161	75.3698903
43	.Shirlal	Dakshina kannada	Belthangadi	563.77	13.0631273	75.2395287
44	Navur	Dakshina kannada	Belthangadi	777.71	13.0649514	75.3183549
45	Savanalu	Dakshina kannada	Belthangadi	640.70	13.0466101	75.2683284
46	Charmadi	Dakshina kannada	Belthangadi	80.73	13.0946354	75.3900725
47	Kadirudyavara	Dakshina kannada	Belthangadi	445.78	13.0907325	75.3812200

48	Na	Dakshina kannada	Belthangadi	174.19	13.0911418	75.3579824
49	Sulkeri	Dakshina kannada	Belthangadi	390.87	13.0868058	75.1892931
50	Navara	Dakshina kannada	Belthangadi	288.11	13.0748097	75.2048749
51	Na	Dakshina kannada	Belthangadi	56.88	13.0855212	75.3542002
52	Na	Dakshina kannada	Belthangadi	167.92	13.0759095	[illegible]
53	Nadabettu	Dakshina kannada	Belthangadi	115.82	13.0676088	75.3482952
54	Nada	Dakshina kannada	Belthangadi	476.12	13.0374702	75.3035619
55	Karambar	Dakshina kannada	Belthangadi	84.15	13.0484451	75.2483698
56	Melanthabettu	Dakshina kannada	Belthangadi	46.29	13.0204278	75.2652655
57	Layla	Dakshina kannada	Belthangadi	740.11	13.0172755	75.2851114
58	Hebri	Udupi	Karkal	94.84	13.4375909	75.0291526
	Total:			26174.88		

TABLE C: LIST OF RESERVED FORESTS FALLING WITHIN THE ECO- SENSITIVE ZONE OF KUDREMUKH NATIONAL PARK

Map ID	Name of the Reserved Forests	Area in ha	G.O / Notification
A	Andar Extension Reserved Forest	102.39	G.O No 3255, dated 17.02.1909
B	Hurabi Reserved Forest	226.29	G.O. No 522, dated 04.08.1899
C	Charmadi Kanaradi Reserved Forest	3544.14	G.O.No.306, Revenue, dated : 25-05-1898
D	Baluru State Forest	2146.14	R -5860-Ft.99-13-5, dated : 07-01-1915
	Total:	6018.96	

ANNEXURE –V

Performa of Action Taken Report:-

1. Number and date of meetings.
2. Minutes of the meetings: (mention noteworthy points. Attach minutes of the meeting as separate Annexure).
3. Status of preparation of Zonal Master Plan including Tourism Master Plan.
4. Summary of cases dealt with rectification of error apparent on face of land record (Eco-sensitive Zone wise). Details may be attached as Annexure.
5. Summary of cases scrutinised for activities covered under the Environment Impact Assessment Notification, 2006 (Details may be attached as separate Annexure).
6. Summary of cases scrutinised for activities not covered under the Environment Impact Assessment Notification, 2006 (Details may be attached as separate Annexure).
7. Summary of complaints lodged under section 19 of the Environment (Protection) Act, 1986.
8. Any other matter of importance.

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[illegible]: 757 (930) [illegible] (40)

उपाबंध-V

पारिस्थितिकी संवेदी जोन की निगरानी समिति - की गई कार्रवाई सम्बन्धी रिपोर्ट का प्रपत्र

1. बैठकों की संख्या और तारीख।
2. बैठकों का कार्यवृत : (कृपया मुख्य उल्लेखनीय बिंदुओं का वर्णन करें। बैठक के कार्यवृत को एक पृथक उपाबंध में प्रस्तुत करें)।
3. पर्यटन महायोजना सहित आंचलिक महायोजना की तैयारी की स्थिति।
4. भू-अभिलेखों की स्पष्ट त्रुटियों के सुधार के लिए निपटाए गए मामलों का सार (पारिस्थितिकी संवेदी जोन वार)। विवरण उपाबंध के रूप में संलग्न करें।
5. पर्यावरण समाघात निर्धारण अधिसूचना, 2006 के अधीन आने वाली क्रियाकलापों की संवीक्षा किए गए मामलों का सार। (विवरण एक पृथक उपाबंध के रूप में संलग्न करें)।
6. पर्यावरण समाघात निर्धारण अधिसूचना, 2006 के अधीन न आने वाली क्रियाकलापों की संवीक्षा किए गए मामलों का सार। (विवरण एक पृथक उपाबंध के रूप में संलग्न करें)।
7. पर्यावरण (संरक्षण) अधिनियम, 1986 की धारा 19 के अधीन फाइल की गई शिकायतों का सार।
8. कोई अन्य महत्वपूर्ण मामला।

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 28th August, 2020

S.O. 2942(E).—WHEREAS, a draft notification was published in the Gazette of India, Extraordinary, *vide* notification of the Government of India in the Ministry of Environment, Forest and Climate Change number S.O. 3858(E), dated the 25th October, 2019, inviting objections and suggestions from all persons likely to be affected thereby within the period of sixty days from the date on which copies of the Gazette containing the said notification were made available to the public;

AND WHEREAS, copies of the Gazette containing the said draft notification were made available to the public on the 25th October, 2019;

AND WHEREAS, objections and suggestions were received from persons and stakeholders in response to the aforesaid draft notification were duly considered by the Central Government;

AND WHEREAS, Someshwara Wildlife Sanctuary (named after Lord Someshwara, the presiding deity of the famous Someshwara Temple located within the Sanctuary) is situated in the Karkala and Kundapur Talukas of District Udupi and Thirthahalli Taluka, District Shivamogga in the State Karnataka and lies between 13° 29' and 13° 36' N latitude and 74° 50' and 75° 05' E longitude notified in 1979 and is spread over an area of 314.25 square kilometers;

AND WHEREAS, the Wildlife Sanctuary is characterised by high rainfall ranging from 6000 millimeters to 8000 millimeters and is known as the 'Chirrapunji of South India';

AND WHEREAS, the Someshwara Wildlife Sanctuary supports evergreen and semi-evergreen forest species in the hill slopes and semi-evergreen and mixed moist deciduous forest at foot hills and plains and degraded forest around habitations;

AND WHEREAS, the major flora available in the Someshwara Wildlife Sanctuary are *Calophyllum apetalum* (Holi honne), *Cinnamomum sulphuratum* (Dalchini), *Diospyros candollena* (Kari mara), *Hopea canarensis* (Malai haiga), *Hopea parviflora* (Kiral bogi), *Hopea ponga* (Doddele bogi), *Vanda spathulata* (Orchid), *Garcinia indica* (Kokum), *Hydnocarpus pentandra* (Chalmogra venne mara, Mirolhakai, Surti), *Knema attenuate* (Raktamara), etc;

AND WHEREAS, the Someshwara Wildlife Sanctuary is rich in biodiversity, and as per the International Union for Conservation of Nature and Natural Resources (IUCN), some of the species which fall under category of critically endangered, vulnerable, near threatened are found in Someshwara Wildlife Sanctuary includes mammals including *Panthera tigris* (tiger), *Panthera pardus* (common leopard), *Prionailurus rubiginosus* (rusty spotted cat), *Viverra civettina* (malabar civet), *Melursus ursinus* (sloth bear), *Elephas maximus* (Asian elephant), *Bos gaurus* (gaur), *Cervus unicolor* (sambar), *Petinomys uscocapillus* (small travancore flying squirrel), *Ratufa indica* (Indian giant squirrel), *Manis Crassicaudata* (Indian pangolin), *Platacanthomys lasiurus* (Malabar spiny dormouse), *Lutra lutra* (common otter), *Anoxy Cinerea* (claw less Otter), etc.;

AND WHEREAS, the major bird species recorded from the Sanctuary are *Anthracoceros coronaatus* (Malabar pied hornbill), *Buceros bicornis* (great hornbill), *Ichthyophaga ichthyaetus* (gray headed fish eagle), *Anhinga melanogaster* (darter), *Ciconia episcopus* (Woolly –necked Stork), *Ficedula nigrorufa* (Black and Orange Flycatcher), *Eumyias albicaudata* (Nilgiri fly catcher), etc. and reptiles such as *Indotestudo foresteni* (tortoise), *Geochelone elegans* (Indian flap shell turtle), *Crocodylus palustris* (Crocodiles), *Naja Naja* (Spectacled cobra), *Ophiophagus Hannah* (King cobra), etc;

AND WHEREAS, Someshwara Wildlife Sanctuary is the habitat of numerous amphibians *viz. Ansonia ornate* (Malabar Torrent Tode), *Bufo beddomii* (Beddomi's Tode), *Ramanella montana* (Jerdon's Narrow-mouthed Frog), *Indirana leithii* (Leith's leaping frog or Matheran Indian frog), *Limnonectes limochaIrs* (Indian cricket frog), *Micrixalus saxicolus* (Malabar Tropical Frog), *Nyctibatrachus deccanensis* (Deccan night frog, Deccan wrinkled frog), *Nyctibatrachus major* (Malabar night frog), *Nyctibatrachus sancti palustris* (Coorg night frog or sacred swamp wrinkled frog), *Rana aurantiaca* (Trivandrum frog, the common wood frog), *Rana temporalis* (bronzed frog or Gunther's golden-backed frog), *Tomoptema rufescens* (Rufescent Burrowing frog), etc. while butterflies species available in the Sanctuary are Idea malbarica (Malabar tree Nymph), etc.;

AND WHEREAS, due to its high biodiversity value, occurrence of many critically endangered species, its valued ecosystem services to the people of the region and its aesthetic value (landscape), the Someshwara Wildlife Sanctuary has been included as part of one of the cluster of Western Ghats which was declared on 1st July, 2012 as a World Heritage Site;

AND WHEREAS, it is necessary to conserve and protect the area, the extent and boundaries of which are specified in paragraph 1 as Eco-sensitive Zone from ecological, environmental and biodiversity point of view and to prohibit industries or class of industries and their operations and processes in the said Eco-sensitive Zone;

NOW, THEREFORE, in exercise of the powers conferred by sub-section (1) and clauses (v) and (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act 1986 (29 of 1986) (hereafter in this notification referred to as the Environment Act), read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area to an extent varying from 0 (zero) to 7.80 kilometres around the boundary of Someshwara Wildlife Sanctuary, in Udupi and Shivamogga districts in the State of Karnataka as the Someshwara Wildlife Sanctuary Eco-sensitive Zone (hereafter in this notification referred to as the Eco-sensitive Zone) details of which are as under, namely: -

1. **Extent and boundaries of Eco-sensitive Zone.** – (1) The Eco-sensitive Zone shall be to an extent of 0 (zero) to 7.80 kilometres around the boundary of Someshwara Wildlife Sanctuary and

the area of the Eco-sensitive Zone is 142.56 square kilometres *(zero extent of Eco-sensitive Zone is due to Mookambika Wildlife Sanctuary and Kudremukh National Park adjoin the northern side and southern side of the Someshwara Wildlife Sanctuary).*

(2) The boundary description of Someshwara Wildlife Sanctuary and its Eco-sensitive Zone is appended in **Annexure-I.**

(3) The maps of the Someshwara Wildlife Sanctuary demarcating Eco-sensitive Zone along with boundary details and latitudes and longitudes are appended as **Annexure-IIA, Annexure-IIB, Annexure-IIC, Annexure-IID** and **Annexure-IIE.**

(4) List of geo-coordinates of the boundary of Someshwara Wildlife Sanctuary and Eco-sensitive Zone are given in Table **A** and Table **B** of **Annexure III.**

(5) The list of villages and reserved forest along with their area falling in the proposed Eco-sensitive Zone along with their geo co-ordinates at prominent points is appended as Table **A** and Table **B** of **Annexure-IV.**

2. **Zonal Master Plan for Eco-sensitive Zone.-** (1) The State Government shall, for the purposes of the Eco-sensitive Zone prepare a Zonal Master Plan within a period of two years from the date of publication of this notification in the Official Gazette, in consultation with local people and adhering to the stipulations given in this notification for approval of the competent authority in the State.

(2) The Zonal Master Plan for the Eco-sensitive Zone shall be prepared by the State Government in such manner as is specified in this notification and also in consonance with the relevant Central and State laws and the guidelines issued by the Central Government, if any.

(3) The Zonal Master Plan shall be prepared in consultation with the following Departments of the State Government, for integrating the ecological and environmental considerations into the said plan:-

(i) Environment;

(ii) Forest and Wildlife;

(iii) Urban Development;

(iv) Tourism;

(v) Municipal;

(vi) Revenue;

(vii) Agriculture;

(viii) Karnataka State Pollution Control Board;

(ix) Rural Development;

(x) Irrigation and Flood Control;

(xi) Panchayati Raj; and

(xii) Public Works Department.

(4) The Zonal Master Plan shall not impose any restriction on the approved existing land use, infrastructure and activities, unless so specified in this notification and the Zonal Master Plan shall factor in improvement of all infrastructure and activities to be more efficient and eco-friendly.

(5) The Zonal Master Plan shall provide for restoration of denuded areas, conservation of existing water bodies, management of catchment areas, watershed management, groundwater management, soil and moisture conservation, needs of local community and such other aspects of the ecology and environment that need attention.

(6) The Zonal Master Plan shall demarcate all the existing worshipping places, villages and urban settlements, types and kinds of forests, agricultural areas, fertile lands, green area, such as, parks and like places, horticultural areas, orchards, lakes and other water bodies with supporting maps giving details of existing and proposed land use features.

(7) The Zonal Master Plan shall regulate development in Eco-sensitive Zone and adhere to prohibited and regulated activities listed in the Table in paragraph 4 and also ensure and promote eco-friendly development for security of local communities' livelihood.

(8) The Zonal Master Plan shall be co-terminus with the Regional Development Plan.

(9) The Zonal Master Plan so approved shall be the reference document for the Monitoring Committee for carrying out its functions of monitoring in accordance with the provisions of this notification.

3. **Measures to be taken by the State Government.**- The State Government shall take the following measures for giving effect to the provisions of this notification, namely:-

(1) **Land use.**– (a) Forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes in the Eco-sensitive Zone shall not be used or converted into areas for commercial or residential or industrial activities:

Provided that the conversion of agricultural and other lands, for the purposes other than that specified at part (a) above, within the Eco-sensitive Zone may be permitted on the recommendation of the Monitoring Committee, and with the prior approval of the competent authority under Regional Town Planning Act and other rules and regulations of Central Government or State Government as applicable and *vide* provisions of this notification, to meet the residential needs of the local residents and for activities such as -

(i) widening and strengthening of existing roads and construction of new roads;

(ii) construction and renovation of infrastructure and civic amenities;

(iii) small scale industries not causing pollution;

(iv) cottage industries including village industries; convenience stores and local amenities supporting eco-tourism including home stay; and

(v) promoted activities given in paragraph 4:

Provided further that no use of tribal land shall be permitted for commercial and industrial development activities without the prior approval of the competent authority under Regional Town Planning Act and other rules and regulations of the State Government and without compliance of the provisions of article 244 of the Constitution or the law for the time being in force, including the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007):

Provided also that any error appearing in the land records within the Eco-sensitive Zone shall be corrected by the State Government, after obtaining the views of Monitoring Committee, once in each case and the correction of said error shall be intimated to the Central Government in the Ministry of Environment, Forest and Climate Change:

Provided also that the correction of error shall not include change of land use in any case except as provided under this sub-paragraph.

(b) Efforts shall be made to reforest the unused or unproductive agricultural areas with afforestation and habitat restoration activities.

(2) **Natural water bodies.**-The catchment areas of all natural springs shall be identified and plans for their conservation and rejuvenation shall be incorporated in the Zonal Master Plan and the guidelines shall be drawn up by the State Government in such a manner as to prohibit development activities at or near these areas which are detrimental to such areas.

(3) Tourism or eco-tourism.- (a) All new eco-tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be as per the Tourism Master Plan for the Eco-sensitive Zone.

(b) The Tourism Master Plan shall be prepared by the State Department of Tourism in consultation with the State Departments of Environment and Forests.

(c) The Tourism Master Plan shall form a component of the Zonal Master Plan.

(d) The Tourism Master Plan shall be drawn based on the study of carrying capacity of the Eco-sensitive Zone.

(e) The activities of eco-tourism shall be regulated as under, namely:-

(i) new construction of hotels and resorts shall not be allowed within one kilometre from the boundary of the protected area or upto the extent of the Eco-sensitive Zone, whichever is nearer:

Provided that beyond the distance of one kilometre from the boundary of the protected area till the extent of the Eco-sensitive Zone, the establishment of new hotels and resorts shall be allowed only in pre-defined and designated areas for eco-tourism facilities as per Tourism Master Plan;

(ii) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in accordance with the guidelines issued by the Central Government in the Ministry of Environment, Forest and Climate Change and the eco-tourism guidelines issued by the National Tiger Conservation Authority (as amended from time to time) with emphasis on eco-tourism, eco-education and eco-development;

(iii) until the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the Monitoring Committee and no new hotel, resort or commercial establishment construction shall be permitted within Eco-sensitive Zone area.

(4) Natural heritage.- All sites of valuable natural heritage in the Eco-sensitive Zone, such as the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. shall be identified and a heritage conservation plan shall be drawn up for their preservation and conservation as a part of the Zonal Master Plan.

(5) Man-made heritage sites.- Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be identified in the Eco-sensitive Zone and heritage conservation plan for their conservation shall be prepared as part of the Zonal Master Plan.

(6) Noise pollution. - Prevention and control of noise pollution in the Eco-sensitive Zone shall be carried out in accordance with the provisions of the Noise Pollution (Regulation and Control) Rules, 2000 under the Environment Act.

(7) Air pollution.- Prevention and control of air pollution in the Eco-sensitive Zone shall be carried out in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.

(8) Discharge of effluents.- Discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the General Standards for Discharge of Environmental Pollutants covered under the Environment Act and the rules made thereunder or standards stipulated by the State Government, whichever is more stringent.

(9) Solid wastes.- Disposal and Management of solid wastes shall be as under:-

(a) the solid waste disposal and management in the Eco-sensitive Zone shall be carried out in accordance with the Solid Waste Management Rules, 2016, published by the Government

of India in the Ministry of Environment, Forest and Climate Change *vide* notification number S.O. 1357 (E), dated the 8th April, 2016; the inorganic material may be disposed in an environmental acceptable manner at site identified outside the Eco-sensitive Zone;

(b) safe and Environmentally Sound Management of Solid wastes in conformity with the existing rules and regulations using identified technologies may be allowed within Eco-sensitive Zone.

(10) **Bio-Medical Waste.**– Bio Medical Waste Management shall be as under:-

(a) the Bio-Medical Waste disposal in the Eco-sensitive Zone shall be carried out in accordance with the Bio-Medical Waste Management, Rules, 2016, published by the Government of India in the Ministry of Environment, Forest and Climate Change *vide* notification number G.S.R 343 (E), dated the 28th March, 2016.

(b) safe and Environmentally Sound Management of Bio-Medical Wastes in conformity with the existing rules and regulations using identified technologies may be allowed within the Eco-sensitive Zone.

(11) **Plastic waste management**.- The plastic waste management in the Eco-sensitive Zone shall be carried out as per the provisions of the Plastic Waste Management Rules, 2016, published by the Government of India in the Ministry of Environment, Forest and Climate Change *vide* notification number G.S.R. 340(E), dated the 18th March, 2016, as amended from time to time.

(12) **Construction and demolition waste management.**- The construction and demolition waste management in the Eco-sensitive Zone shall be carried out as per the provisions of the Construction and Demolition Waste Management Rules, 2016 published by the Government of India in the Ministry of Environment, Forest and Climate Change *vide* notification number G.S.R. 317(E), dated the 29th March, 2016, as amended from time to time.

(13) **E-waste.**- The e - waste management in the Eco-sensitive Zone shall be carried out as per the provisions of the E-Waste Management Rules, 2016, published by the Government of India in the Ministry of Environment, Forest and Climate Change, as amended from time to time.

(14) **Vehicular traffic.**– The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal Master plan is prepared and approved by the competent authority in the State Government, the Monitoring Committee shall monitor compliance of vehicular movement under the relevant Acts and the rules and regulations made thereunder.

(15) **Vehicular pollution.**- Prevention and control of vehicular pollution shall be incompliance with applicable laws and efforts shall be made for use of cleaner fuels.

(16) **Industrial units.**– (a) On or after the publication of this notification in the Official Gazette, no new polluting industries shall be permitted to be set up within the Eco-sensitive Zone.

(ii) Only non-polluting industries shall be allowed within Eco-sensitive Zone as per the classification of Industries in the guidelines issued by the Central Pollution Control Board in February, 2016, unless so specified in this notification, and in addition, the non-polluting cottage industries shall be promoted.

(17) **Protection of hill slopes.**- The protection of hill slopes shall be as under:-

(a) the Zonal Master Plan shall indicate areas on hill slopes where no construction shall be permitted;

(b) construction on existing steep hill slopes or slopes with a high degree of erosion shall not be permitted.

4. **List of activities prohibited or to be regulated within Eco-sensitive Zone.**- All activities in the Eco-sensitive Zone shall be governed by the provisions of the Environment Act and the rules made there under including the Coastal Regulation Zone, 2011 and the Environmental Impact

Assessment Notification, 2006 and other applicable laws including the Forest (Conservation) Act, 1980 (69 of 1980), the Indian Forest Act, 1927 (16 of 1927), the Wildlife (Protection) Act 1972 (53 of 1972), and amendments made thereto and be regulated in the manner specified in the Table below, namely:-

TABLE

S. No. (1)	Activity (2)	Description (3)
		A. Prohibited Activities
1.	Commercial mining, stone quarrying and crushing units.	(a) All new and existing mining (minor and major minerals), stone quarrying and crushing units shall be prohibited with immediate effect except for meeting the domestic needs of bona fide local residents including digging of earth for construction or repair of houses and for manufacture of country tiles or bricks for housing and for personal consumption; (b) The mining operations shall be carried out in accordance with the order of the Hon'ble Supreme Court dated the 4th August, 2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No.202 of 1995 and dated the 21st April, 2014 in the matter of Goa Foundation Vs. UOI in W.P.(C) No.435 of 2012.
2.	Setting up of new saw mills.	New or expansion of existing saw mills shall not be permitted within the Eco-sensitive Zone: Provided that the renewal of licences of existing saw mills shall not be done on their expiry period.
3.	Setting of industries causing pollution (Water, Air, Soil, Noise, etc.).	New industries and expansion of existing polluting industries in the Eco-sensitive Zone shall not be permitted: Provided that non-polluting industries shall be allowed within Eco-sensitive Zone as per classification of Industries in the guidelines issued by the Central Pollution Control Board in February, 2016, unless so specified in this notification and in addition the non-polluting cottage industries shall be promoted.
4.	Commercial use of firewood.	Prohibited (except as otherwise provided) as per the applicable laws.
5.	Establishment of major hydro-electric project.	Prohibited (except as otherwise provided) as per the applicable laws.
6.	Discharge of untreated effluents in natural water bodies or land area.	Prohibited (except as otherwise provided) as per the applicable laws.
7.	New wood based industry.	No establishment of new wood based industry shall be permitted within the limits of Eco-sensitive Zone: Provided that the existing wood-based industry may continue as per law.
8.	Erection of wind mills.	Prohibited (except as otherwise provided) as per the applicable laws.
9.	Use or production or processing of any hazardous substances.	Prohibited (except as otherwise provided) as per the applicable laws.

10.	Setting up of brick kilns.	Prohibited (except as otherwise provided) as per the applicable laws.
	B. Regulated Activities	
11.	Use of polythene bags.	Regulated as per the applicable laws.
12.	Commercial establishment of hotels and resorts.	No new commercial hotels and resorts shall be permitted within one kilometer of the boundary of the protected area or upto the extent of Eco-sensitive Zone, whichever is nearer, except for small temporary structures for eco-tourism activities: Provided that, beyond one kilometer from the boundary of the protected area or upto the extent of Eco-sensitive Zone, whichever is nearer, all new tourist activities or expansion of existing activities shall be in conformity with the Tourism Master Plan and guidelines as applicable.
13.	Construction activities.	(a) New commercial construction of any kind shall not be permitted within one kilometer from the boundary of the protected area or upto extent of the Eco-sensitive Zone, whichever is nearer: Provided that, local people shall be permitted to undertake construction in their land for their use including the activities mentioned in sub-paragraph (1) of paragraph 3 as per building bye-laws to meet the residential needs of the local residents: Provided further that the construction activity related to small scale industries not causing pollution shall be regulated and kept at the minimum, with the prior permission from the competent authority as per applicable rules and regulations, if any. (b) Beyond one kilometer it shall be regulated as per the Zonal Master Plan.
14.	Felling of trees.	(a) There shall be no felling of trees in the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government. (b) The felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.
15.	Commercial extraction of surface and ground water.	Regulated as per the applicable laws.
16.	Erection of electrical and communication towers and laying of cables and other infrastructures.	Regulated under applicable laws (underground cabling may be promoted).
17.	Fencing of existing premises of hotels and lodges.	Regulated as per the applicable laws.
18.	Widening and strengthening of existing roads and construction of new roads.	Taking measures of mitigation as per the applicable laws, rules, regulations and available guidelines.
19.	Movement of vehicular traffic at night.	Regulated for commercial purpose under applicable laws.

20.	Introduction of exotic species.	Regulated as per the applicable laws.
21.	Protection of hill slopes and river banks.	Regulated as per the applicable laws.
22.	Discharge of treated waste water or effluents in natural water bodies or land area.	The discharge of treated waste water or effluents shall be avoided to enter into the water bodies and efforts shall be made for recycle and reuse of treated waste water. Otherwise the discharge of treated waste water or effluent shall be regulated as per the applicable laws.
23.	Commercial sign boards and hoardings.	Regulated as per the applicable laws.
24.	Small scale non polluting industries.	Non polluting industries as per classification of industries issued by the Central Pollution Control Board in February, 2016 and non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous materials from the Eco-sensitive Zone shall be permitted by the competent authority.
25.	Collection of Forest produce or Non-Timber Forest produce.	Regulated as per the applicable laws.
26.	Air and vehicular pollution.	Regulated as per the applicable laws.
27.	Drastic Change of Agriculture systems.	Regulated as per the applicable laws.
28.	Undertaking other activities related to tourism like flying over the Eco-sensitive Zone area by hot air balloon, helicopter, drones, microlites, etc.	Regulated as per the applicable laws.
29.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	Permitted as per the applicable laws for use of locals.
30.	Infrastructure including civic amenities.	Taking measures of mitigation as per the applicable laws, rules and regulations available guidelines.
31.	Establishment of large-scale commercial livestock and poultry farms by firms, corporate and companies.	Regulated (except otherwise provided) as per the applicable laws except for meeting local needs.
32.	Solid Waste Management.	Regulated as per the applicable laws.
33.	Eco-tourism.	Regulated as per the applicable laws.
	C. Promoted Activities	
34.	Rain water harvesting.	Shall be actively promoted.
35.	Organic farming.	Shall be actively promoted.
36.	Adoption of green technology for all activities.	Shall be actively promoted.
37.	Cottage industries including village artisans, etc.	Shall be actively promoted.

38.	Use of renewable energy and fuels.	Bio-gas, solar light, etc. shall be actively promoted.
39.	Agro-Forestry.	Shall be actively promoted.
40.	Plantation of Horticulture and Herbals.	Shall be actively promoted.
41.	Use of eco-friendly transport.	Shall be actively promoted.
42.	Skill Development.	Shall be actively promoted.
43.	Restoration of degraded land or forests or habitat.	Shall be actively promoted.
44.	Environmental awareness.	Shall be actively promoted.

5. **Monitoring Committee for Monitoring the Eco-sensitive Zone Notification.-** For effective monitoring of the provisions of this notification under sub-section (3) of section 3 of the Environment (Protection) Act, 1986, the Central Government hereby constitutes a Monitoring Committee, comprising of the following, namely:-

Sl. No.	Constituent of the Monitoring Committee	Designation
(i)	Regional Commissioner, Mysore	Chairman, ex officio;
(ii)	Representative of Department of Environment, Government of Karnataka	Member;
(iii)	Representative of Department of Urban Development, Government of Karnataka	Member;
(iv)	An expert in the area of ecology and environment – Member to be nominated by the Government of Karnataka for a period of one year	Member;
(v)	A representative of Non-governmental Organisation working in the field of wildlife conservation to be nominated by the Government of Karnataka for a period of one year	Member;
(vi)	Executive Engineer, Karnataka Pollution Control Board	Member;
(vii)	Deputy Commissioner or his representative Shivamogga	Member;
(viii)	Deputy Commissioner or his representative Udupi	Member;
(ix)	Hon'ble Member of Legislative Assembly , Thirthahalli Constituency	Member;*
(x)	Hon'ble Member of Legislative Assembly Karkala Constituency	Member;*
(xi)	Hon'ble Member of Legislative Assembly, Udupi Constituency	Member;*
(xii)	Hon'ble Member of Legislative Assembly, Kundapur Constituency	Member;*
(xiii)	Hon'ble Member of Legislative Assembly, Byndoor Constituency	Member;*
(xiv)	Deputy Conservator of Forests Kudremukh Wildlife Division	Member-Secretary.

*(Subject to the State Government of Karnataka obtaining relevant approvals, *inter alia*, including permission from the Speaker of Legislative Assembly, Karnataka, if required)

6. Terms of reference. – (1) The Monitoring Committee shall monitor the compliance of the provisions of this notification.

(2) The tenure of the Monitoring committee shall be for three years or till the re-constitution of the new Monitoring Committee by the State Government and subsequently the Monitoring Committee shall be constituted by the State Government.

(3) The activities that are covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533 (E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the Monitoring Committee based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment, Forest and Climate Change for prior environmental clearances under the provisions of the said notification.

(4) The activities that are not covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forest number S.O. 1533 (E), dated the 14th September, 2006 and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the Monitoring Committee based on the actual site-specific conditions and referred to the concerned regulatory authorities.

(5) The Member-Secretary of the Monitoring Committee or the concerned Deputy Commissioner(s) shall be competent to file complaints under section 19 of the Environment Act, against any person who contravenes the provisions of this notification.

(6) The Monitoring Committee may invite representatives or experts from concerned Departments, representatives from industry associations or concerned stakeholders to assist in its deliberations depending on the requirements on issue to issue basis.

(7) The Monitoring Committee shall submit the annual action taken report of its activities as on the 31st March of every year by the 30th June of that year to the Chief Wildlife Warden in the State as per proforma appended at **Annexure V**.

(8) The Central Government in the Ministry of Environment, Forest and Climate Change may give such directions, as it deems fit, to the Monitoring Committee for effective discharge of its functions.

7. Additional measures.- The Central Government and State Government may specify additional measures, if any, for giving effect to provisions of this notification.

8. Supreme Courts, etc.- The provisions of this notification shall be subject to the orders, if any passed or to be passed by the Hon'ble Supreme Court of India or High Court or the National Green Tribunal.

[F. No. 25/143/2015-ESZ-RE]

DR. SATISH C. GARKOTI, Scientist 'G'

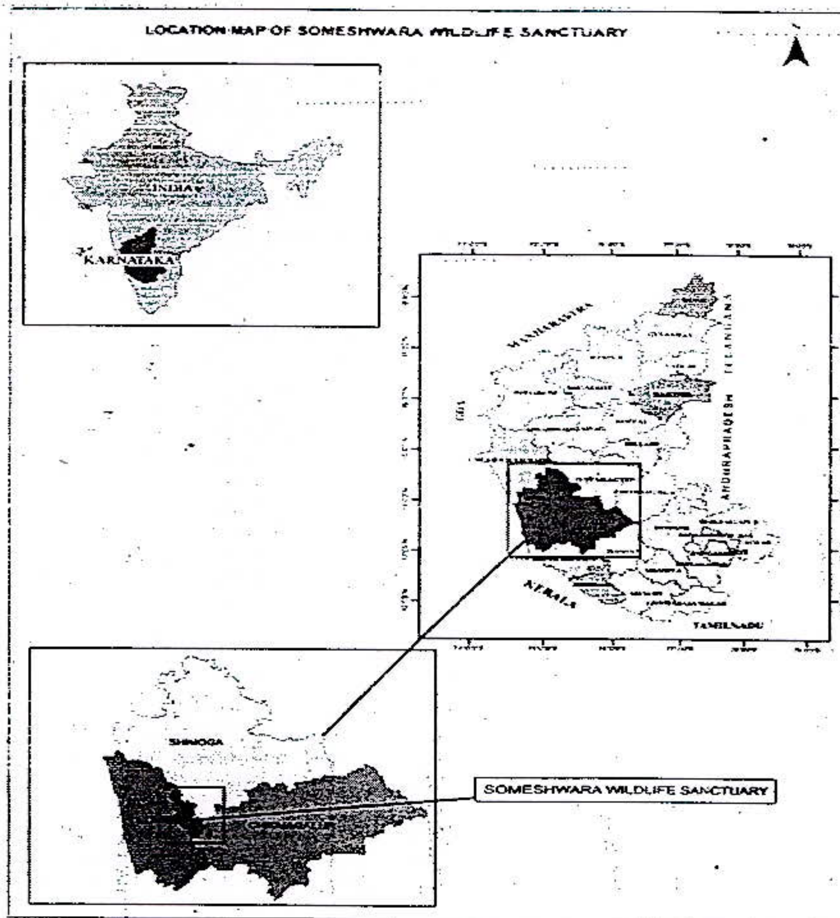
ANNEXURE- I

BOUNDARY DESCRIPTION OF SOMESHWARA WILDLIFE SANCTUARY AND ITS ECOSENSITIVE ZONE IN THE STATE KARNATAKA

East:	The Eco-sensitive Zone boundary line of Someshwara Wildlife Sanctuary starts near the Kanchikala Abbi falls of Hummadagallu village. along Varahi State Forest. It moves East, then North, then turns southwards and then finally westwards along the Varahi State forest and Manibailu State Forest boundaries till it reaches a distance of 1km from Tombettu Reserved Forest boundary. From this point, Eco-sensitive Zone line follows the 1km parallel line to Tombettu Reserved Forest boundary in the village Gubbiga. It runs North passing through Malgoddamata and touches the Varahi State Forest at Melsunka. Then the line joins and follows the 1km parallel line to Agumbe State Forest. It runs North East through Ulthiga village turns South East through Neerathitlu village, Koraginakote village, Huruli village, Shivalli village, Dasanakoduge village and Hosur village. Then the Eco-sensitive Zone line touches the 1km parallel line to Agumbe State Forest near Agumbe hole and continues to run South. the line then turns East through Tallur village near the junction of Agumbe-Shringeri road at Agumbe. The line then follows the 1km parallel line to Balehalli State Forest Eastward through Balehalli village and merges with the Eco-sensitive Zone boundary of Northern Kudremukh National Park.
South:	The Eco-sensitive Zone boundary line turns West along the Eco-sensitive Zone boundary of Kudremukh National Park and touches the Northern tip of Narasimha Parvatha State Forest. It runs South Westerly direction along the Narasimha Parvatha State Forest boundary, turns North West and continues till it reaches Durga. The line meets the Someshwara Reserved Forest boundary and continues North West. It cuts and crosses Kapoli stream near Kapoli. continues in North West direction to reach Bachappu of Mudradi village and merges with the Eastern Eco-sensitive Zone boundary of Kudremukh National Park.
West:	The Eco-sensitive Zone boundary line follows the 1km parallel line to Jatkatmalai Reserved Forest Northwards. It then turns West at Baibettu settlement, Hebri village and joins the 1 km parallel line to Mathkalgudde Reserved Forest. The line continues West, South-West and joins the 1km parallel line to Jomblu Kaadu Reserved Forest. The line turns North near Wonikallu and joins the 1km parallel line to Tenkahola Reserved Forest. The line then crosses the Seethanadi river and passes through Kaltur village, Nalkuru village and Belve village. The line turns Eastwards joins and follows 1km parallel line to Mavinakudlu Reserved Forest boundary near Ardi. The Eco-sensitive Zone boundary line turns North East, then North and joins 1Km parallel line to Ballimane Reserved Forest it continues the parallel line Northwards till it touches the boundary of Surikudlu Reserved Forest. It continues along the Surikudlu Reserved Forest boundary, crosses Varahi river at Kalinjeddu and moves Westward along Suraladavi Reserved Forest. The Eco-sensitive Zone line follows the boundary of Suraladavi Reserved Forest North and then East and Joins Surikudlu Reserved Forest boundary. The line continues till the point it joins the Eco-sensitive Zone boundary of Mookambika Wildlife Sanctuary.
North:	The Eco-sensitive Zone merges with the Northern boundary of Tombattu Reserved Forest and continues till it reaches the boundary of Varahi State Forest near Kanchikala Abbi falls and merges with the Eastern Eco-sensitive Zone boundary of Mookambika Wildlife Sanctuary.

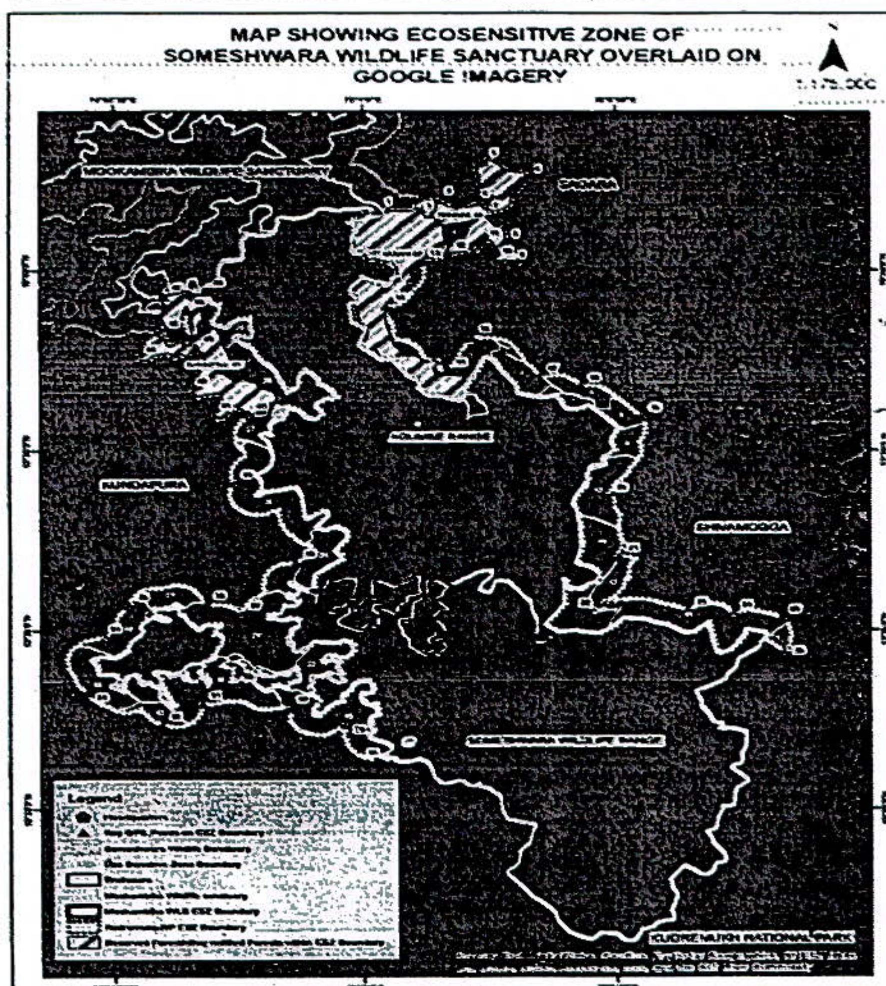
ANNEXURE- IIA

LOCATION MAP OF SOMESHWARA WILDLIFE SANCTUARY AND ITS ECO-SENSITIVE ZONE ALONG WITH LATITUDE AND LONGITUDE OF PROMINENT LOCATIONS



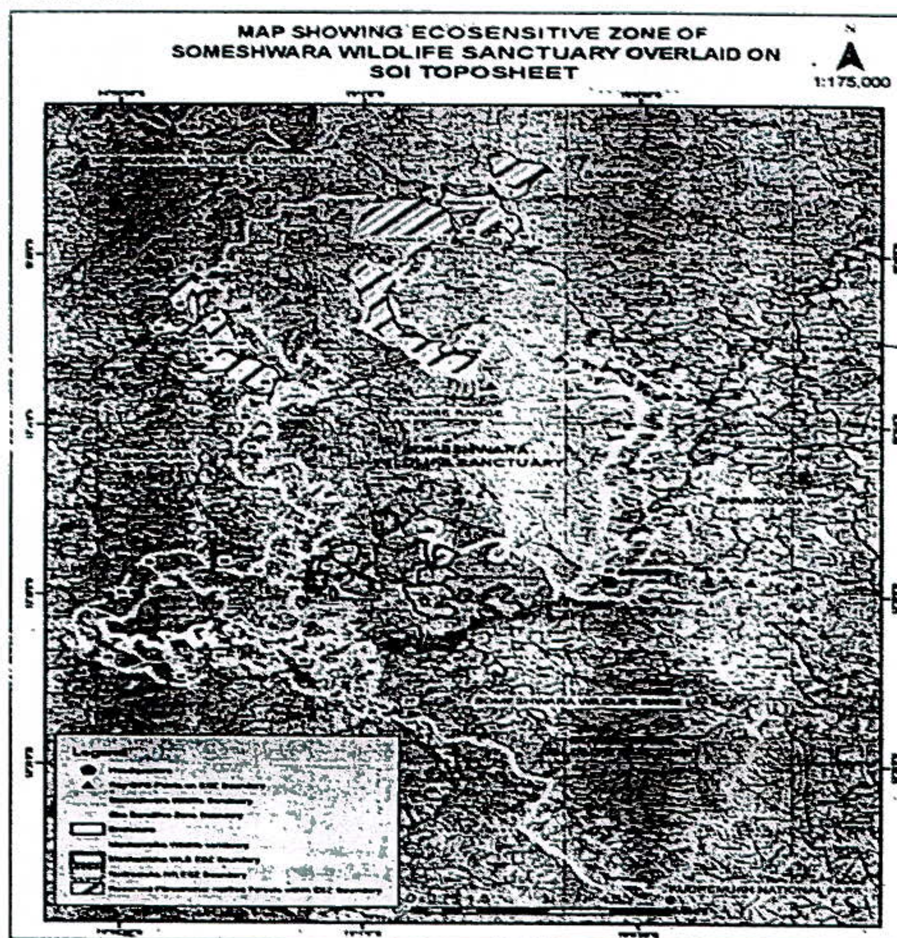
ANNEXURE- IIB

GOOGLE MAP OF ECO-SENSITIVE ZONE OF SOMESHWARA WILDLIFE SANCTUARY ALONG WITH LATITUDE AND LONGITUDE OF PROMINENT LOCATIONS



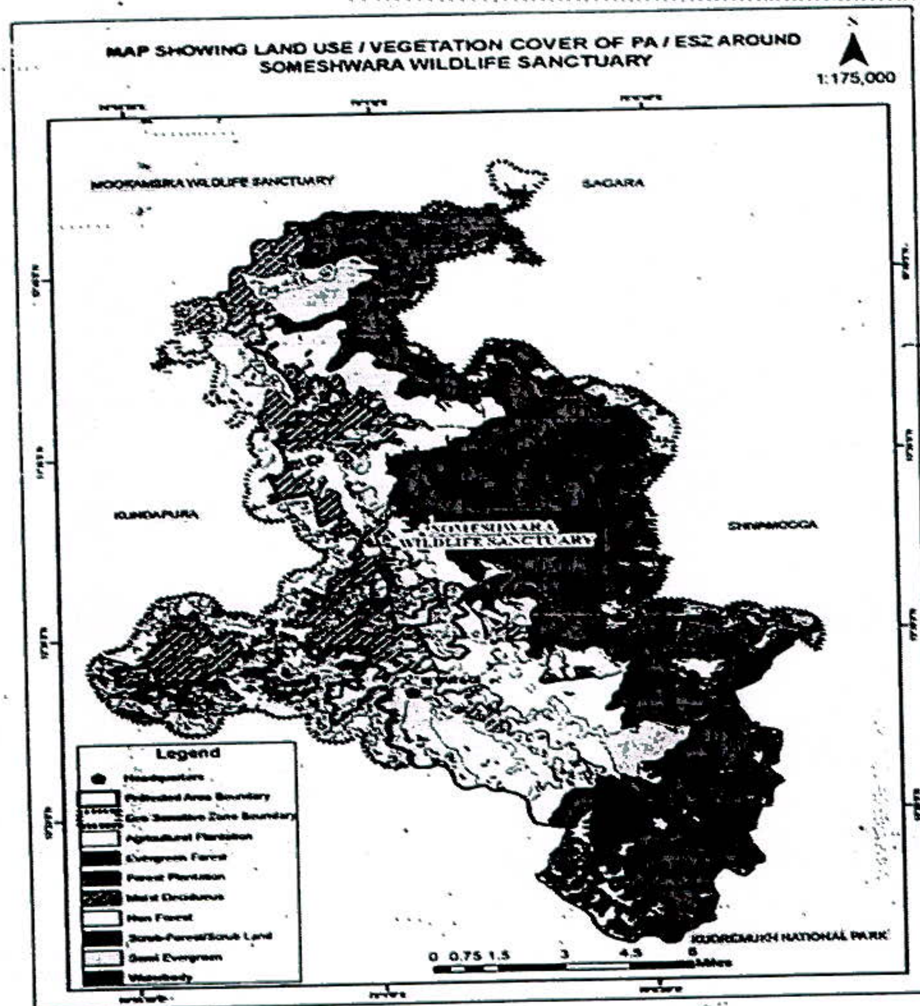
ANNEXURE- IIC

MAP OF ECO-SENSITIVE ZONE OF SOMESHWARA WILDLIFE SANCTUARY ALONG WITH LATITUDE AND LONGITUDE OF PROMINENT LOCATIONS ON SURVEY OF INDIA (SOI) TOPOSHEET



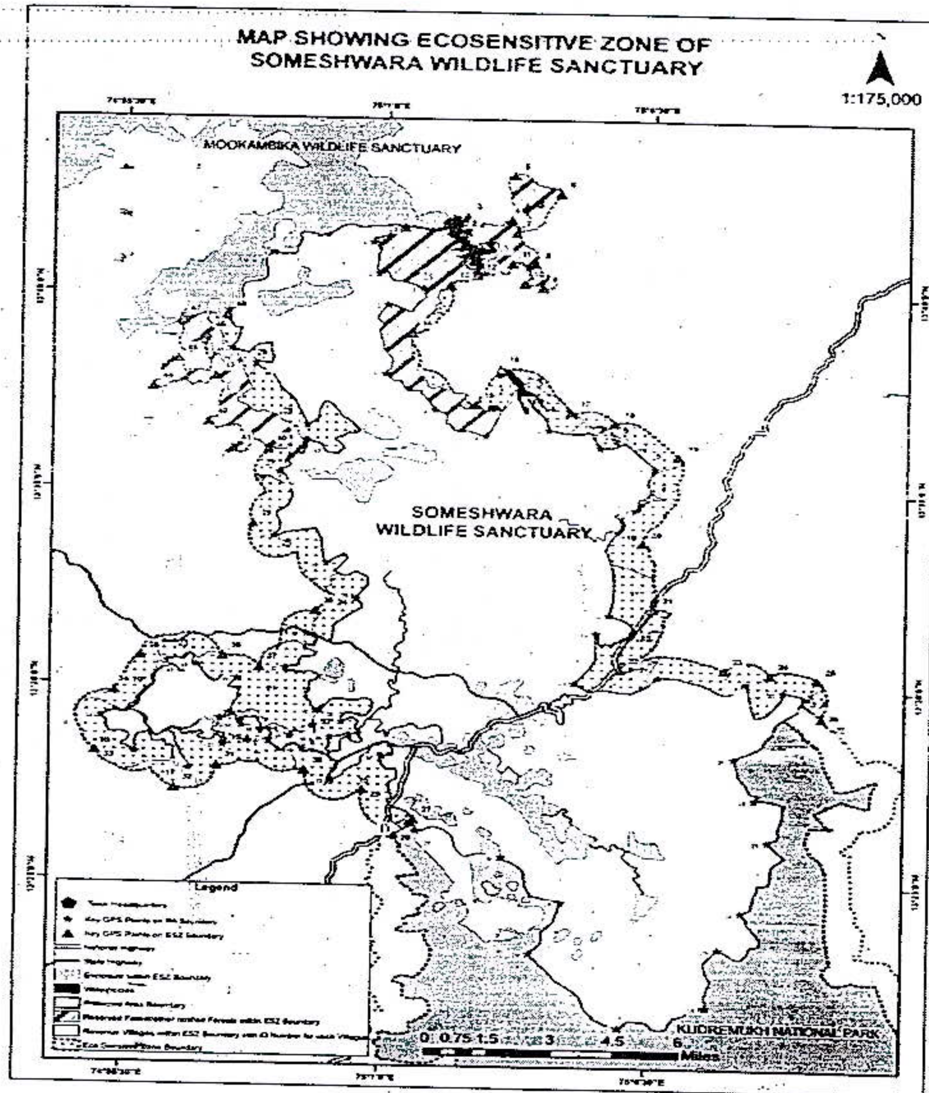
ANNEXURE- IID

VEGETATION MAP OF ECO-SENSITIVE ZONE OF SOMESHWARA WILDLIFE SANCTUARY ALONG WITH LATITUDE AND LONGITUDE OF PROMINENT LOCATIONS



ANNEXURE- IIE

MAP OF ECO-SENSITIVE ZONE OF SOMESHWARA WILDLIFE SANCTUARY ALONG WITH LATITUDE AND LONGITUDE OF PROMINENT LOCATIONS



ANNEXURE-III

TABLE A: GEO- COORDINATES OF PROMINENT LOCATIONS OF SOMESHWARA WILDLIFE SANCTUARY

Map ID	Longitude			Latitude		
	Degree	Minutes	Seconds	Degree	Minutes	Seconds
0	74	57	36.12	13	39	31.81
1	74	58	33.67	13	41	0.16
2	75	1	20.82	13	41	40.00
3	75	0	41.80	13	41	17.78
5	75	0	49.24	13	40	30.30
6	75	1	43.86	13	40	8.59
7	75	1	0.93	13	39	43.48
8	75	0	58.27	13	37	58.54
9	75	3	7.62	13	36	29.20
10	75	3	41.37	13	36	1.09
11	75	3	46.74	13	37	32.97
12	75	4	22.94	13	36	34.50
13	75	5	27.33	13	36	9.30
14	75	6	33.70	13	35	38.38
15	75	6	13.82	13	34	35.77
16	75	5	40.44	13	31	52.94
17	75	5	24.61	13	31	25.74
18	75	4	58.62	13	30	9.06
19	75	6	40.94	13	30	19.15
20	75	8	29.21	13	30	12.36
21	75	9	17.86	13	29	59.84
22	75	8	14.49	13	28	16.82
23	75	8	42.19	13	27	13.49
24	75	8	59.47	13	26	9.46
25	75	8	26.45	13	24	20.54
26	75	7	58.71	13	23	23.95
27	75	7	43.53	13	21	54.89
28	75	5	58.46	13	21	21.83
29	75	4	7.39	13	23	14.49
30	75	4	45.79	13	24	32.59
31	75	3	30.97	13	25	41.78
32	75	1	44.28	13	26	19.68
33	75	1	0.29	13	28	13.94
34	74	59	56.28	13	27	36.28
35	74	59	54.28	13	28	41.65
36	75	0	9.47	13	29	5.02
37	74	59	35.80	13	29	21.10
38	74	58	55.32	13	30	26.58
39	74	59	21.75	13	31	19.66
40	75	0	25.34	13	32	13.91
41	74	59	46.56	13	33	6.64

42	74	58	38.17	13	33	48.04
43	74	58	44.44	13	35	25.67
44	74	59	17.42	13	36	16.24
45	74	59	19.24	13	36	38.90
46	74	58	11.17	13	38	12.60
47	74	57	39.73	13	38	34.11
48	74	56	42.60	13	30	20.88
49	74	57	0.40	13	30	29.46
50	74	57	52.51	13	30	9.36
51	74	57	30.59	13	29	8.78
52	74	57	35.08	13	28	27.82
53	74	56	51.71	13	27	50.93
54	74	55	44.58	13	28	15.01
55	74	55	3.07	13	29	9.50
56	74	57	56.82	13	29	4.14
57	74	58	24.03	13	28	49.30
58	74	59	2.55	13	28	42.59
59	74	59	32.67	13	28	59.34
60	74	59	34.72	13	28	36.42
61	74	59	18.73	13	28	22.34
62	74	58	34.87	13	28	35.80
63	74	58	5.70	13	28	34.05

TABLE B: GEO-COORDINATES OF PROMINENT LOCATIONS OF ECO-SENSITIVE ZONE

Map ID	Longitude			Latitude		
	Degree	Minutes	Seconds	Degree	Minutes	Seconds
1	75	1	19.31	13	41	39.87
2	75	2	30.69	13	41	32.71
3	75	2	36.79	13	41	57.64
4	75	3	32.65	13	41	53.53
5	75	3	35.92	13	43	0.38
6	75	4	33.96	13	42	33.34
7	75	3	38.98	13	41	33.49
8	75	4	4.09	13	40	45.76
9	75	4	12.75	13	40	10.81
10	75	3	49.65	13	40	17.46
11	75	3	33.99	13	40	47.24
12	75	2	49.39	13	40	28.95
13	75	2	16.58	13	40	13.72
14	75	1	30.67	13	39	0.11
15	75	2	49.77	13	37	12.38
16	75	3	20.53	13	38	7.82
17	75	4	49.90	13	37	2.17
18	75	5	44.71	13	36	46.48
19	75	7	1.77	13	35	56.41
20	75	6	19.66	13	33	43.01

21	75	6	34.34	13	32	2.71
22	75	5	54.19	13	30	30.33
23	75	8	1.12	13	30	31.61
24	75	9	0.37	13	30	26.38
25	75	10	3.65	13	30	19.18
26	75	10	8.51	13	29	20.43
27	75	1	30.06	13	26	37.10
28	75	1	15.06	13	26	14.47
29	75	0	36.53	13	27	21.37
30	74	59	21.57	13	27	49.88
31	74	57	27.46	13	27	55.96
32	74	56	33.46	13	27	20.48
33	74	54	56.06	13	28	15.85
34	74	55	19.16	13	29	48.45
35	74	55	50.17	13	30	41.81
36	74	57	33.39	13	30	43.67
37	74	58	20.65	13	30	27.00
38	74	59	32.93	13	31	53.95
39	74	58	10.10	13	34	6.63
40	74	58	29.18	13	36	0.83
41	74	57	42.32	13	36	1.22
42	74	57	11.09	13	36	41.42
43	74	57	19.94	13	37	51.35
44	74	56	2.15	13	37	34.60
45	74	56	32.69	13	38	17.47
46	74	57	7.58	13	38	53.40
47	74	56	36.44	13	39	16.78
48	74	57	33.46	13	39	24.90

ANNEXURE-IV

A. LIST OF VILLAGES COMING UNDER ECO-SENSITIVE ZONE OF SOMESHWARA WILDLIFE SANCTUARY ALONG WITH GEO-COORDINATES

Sl. No.	Name of the village	District	Taluk	Area in Ha.	Latitude			Longitude		
					D	M	S	D	M	S
1	Hummadagallu	Shivamogga	Hosanagara	76.77	13	41	3.03	75	2	59.22
2	Gubbiga	Shivamogga	Hosanagara	100.60	13	39	34.71	75	2	0.15
3	Ulthiga	Shivamogga	Hosanagara	324.99	13	37	41.69	75	2	57.96
4	Koraginakote	Shivamogga	Hosanagara	256.69	13	37	8.01	75	4	25.08
5	Neerathotlu	Shivamogga	Hosanagara	41.71	13	37	47.61	75	4	11.78
6	Huruli	Shivamogga	Tirthahalli	200.11	13	36	39.09	75	5	47.08
7	Shuntihakkalu	Shivamogga	Tirthahalli	110.58	13	36	27.24	75	5	25.12
8	Shivalli	Shivamogga	Tirthahalli	148.75	13	35	59.34	75	6	37.95
9	Dasanakodige	Shivamogga	Tirthahalli	176.95	13	35	10.53	75	6	42.88
10	Hosur	Shimoga	Tirthahalli	435.82	13	33	53.21	75	6	14.02
11	Agumbe	Shimoga	Tirthahalli	757.48	13	31	24.41	75	5	56.71
12	Tallur	Shimoga	Tirthahalli	229.57	13	31	15.28	75	6	23.99
13	Balehalli	Shimoga	Tirthahalli	808.52	13	41	3.03	75	8	20.82
13A	Hasanbalu	Chikmagalur	Sringeri	83.62	13	29	45.99	75	10	2.96
14	Mudradi	Udupi	Karkal	18.26	13	26	28.52	75	1	22.16
15	Hebri	Udupi	Karkal	836.11	13	27	35.52	75	0	24.35
16	Chara	Udupi	Karkal	949.13	13	28	20.78	74	57	32.63
17	Kaltur	Udupi	Udupi	169.75	13	27	40.76	74	56	26.22
18	Nalkur	Udupi	Udupi	425.02	13	28	37.91	74	55	8.67
19	Belave	Udupi	Kundapura	342.37	13	30	2.30	74	55	41.39
20	Na	Udupi	Kundapura	27.00	13	29	29.69	74	56	58.13
21	Belanje	Udupi	Karkal	1138.12	13	29	59.96	74	58	30.22
22	Kuchchur	Udupi	Karkal	355.54	13	29	2.96	75	0	0.67
23	Albadi	Udupi	Kundapura	407.81	13	31	9.63	74	57	53.83
24	Madamakki	Udupi	Kundapura	356.81	13	32	5.74	75	0	3.91
25	Shedimane	Udupi	Kundapura	772.84	13	33	46.86	74	58	57.11
26	Rattadi	Udupi	Kundapura	11.44	13	35	14.47	74	58	18.78
27	Samshe	Udupi	Kundapura	161.10	13	35	36.98	74	58	36.50
28	Amasebail	Udupi	Kundapura	743.98	13	36	52.41	74	59	28.00
29	Machattu	Udupi	Kundapura	279.56	13	38	37.88	74	57	46.56
	Total:			10749.01						

B. LIST OF RESERVED FORESTS FALLING WITHIN THE ECO-SENSITIVE ZONE OF SOMESHWARA WILDLIFE SANCTUARY

Map Id	Name of the Reserved Forests	Area in hectare	G.O / Notification
A	Nanibail State Forest	751.65	R 5077-81ft 78-17-4/05.12.1917
B	Varahi State Forest	1709.34	R 5638-41 Ft 39-16-4/05.12.1916
C	Surikodlu Reserved Forest	1025.66	G.O. No. 156, dated 03.03.1899
D	Vettugudda Rf	20.67	
	Total:	3507.32	

ANNEXURE –V

Performa of Action Taken Report:- Eco-sensitive Zone Monitoring Committee

1. Number and date of meetings.

2. Minutes of the meetings: (mention noteworthy points. Attach minutes of the meeting as separate Annexure).

3. Status of preparation of Zonal Master Plan including Tourism Master Plan.

4. Summary of cases dealt with rectification of error apparent on face of land record (Eco-sensitive Zone wise). Details may be attached as Annexure.

5. Summary of cases scrutinised for activities covered under the Environment Impact Assessment Notification, 2006 (Details may be attached as separate Annexure).

6. Summary of cases scrutinised for activities not covered under the Environment Impact Assessment Notification, 2006 (Details may be attached as separate Annexure).

7. Summary of complaints lodged under section 19 of the Environment (Protection) Act, 1986.

8. Any other matter of importance.

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4. भू-अभिलेख में सदृश्य त्रुटियों के सुधार के लिए व्यौहार किए गए मामलों का सारांश।

5. पर्यावरण समाघात निर्धारण अधिसूचना, 2006 के अधीन आने वाली गतिविधियों की संविक्षा के मामलों का सारांश। ब्यौरे एक पृथक् उपावंध के रूप में उपाबद्ध किए जा सकते हैं।

6. पर्यावरण समाघात निर्धारण अधिसूचना, 2006 के अधीन न आने वाली गतिविधियों की संविक्षा के मामलों का सारांश। ब्यौरे एक पृथक् उपावंध के रूप में उपाबद्ध किए जा सकते हैं।

7. पर्यावरण (संरक्षण) अधिनियम, 1986 की धारा 19 के अधीन दर्ज की गई शिकायतों का सारांश।

8. कोई अन्य महत्वपूर्ण विषय।

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 13th April, 2017

S.O. 1176(E).—WHEREAS, a draft notification was published in the Gazette of India, Extraordinary, vide notification of the Government of the India in the Ministry of Environment, Forest and Climate Change number S.O. 2869 (E), dated the 19th October, 2015, inviting objections and suggestions from all persons likely to be affected thereby within the period of sixty days from date on which copies of the Gazette containing the said notification were made available to the public;

AND WHEREAS, no objections and suggestions received from persons and stakeholders in response to the draft notification;

AND WHEREAS, the Mookambika Wildlife Sanctuary has been named after goddess "Mookambika" the presiding deity of the famous Mookambika temple at Kollur located in the heart of the Wildlife Sanctuary and situated in Kundapur Taluk of Udupi district in the State of Karnataka and lies between 13° 42' and 13° 59' North Latitude and 74° 39' to 74° 50' East Longitude and spread over an area of 394.65 sq. km. and notified vide Government of Karnataka Notification number AFD.48.FWL.74 dated the 22nd May, 1978;

AND WHEREAS, the Mookambika Wildlife Sanctuary spreads across the Western slopes of Western Ghats and the rain is generally hilly and undulating and the altitude of the Wildlife Sanctuary varies from 50 meters above Mean Sea Level at Idur near Jannalane Reserved Forest to 1343 meters above Mean Sea Level at Kodachadri and the distribution of rainfall at Mookambika Wildlife Sanctuary is very uneven, but it receives torrential downpour from the South-West monsoon and the annual average precipitation is close to 6000 millimetre;

AND WHEREAS, with the above mentioned terrain, elevation and rainfall distribution, the forest types of Mookambika Wildlife Sanctuary varies from Moist Deciduous Forest at the lower altitude of foot hills to West Coast Semi-Evergreen forest and West Coast Tropical Evergreen Forest at mid-altitude to Shola Grass land at higher altitude and thus the major forest types of the Mookambika Wildlife Sanctuary is West Coast Tropical Evergreen Forest (1A/C4), West Coast Semi-Evergreen forest (2A/C2), Southern Secondary Moist Mixed Deciduous Forest (3B/C2/2S1) and Dry Grass lands(5 DS 4);

AND WHEREAS, major faunal species of the Mookambika Wildlife Sanctuary is Spotted Deer, Sambar Deer, Indian Guar, Barking Deer, Mouse Deer, Wild Pig, Indian Porcupine (herbivore species) etc. Carnivore includes Tiger, Leopard, Black Panther, Wild Dog, Striped, Hyena and Jackal. Primates include endangered Lion-Tail Macaque, Bonnet Macaque and Common Langur etc. Other faunal species includes Sloth Bear, Malabar Giant Squirrel, Flying Squirrel, Land Monitor Lizard; Cane Turtle (rare species, on the verge of extinction). Along with Someshwara Wildlife Sanctuary, Mookambika Wildlife Sanctuary also remains one of the last remaining forest or habitat for Malabar Civet Cat, which is considered as endemic restricted to few places of Kerala and Karnataka and declared as Critically Endangered species by International Union for Conservation of Nature and Natural Resources. Some of the reptiles include King Cobra, Rock Python, Indian Cobra, Bamboo Pit Viper etc. Avifaunal species includes Great Hornbill, Malabar Grey Hornbill, Malabar Pied Hornbill, Malabar Lark, Malabar Trogon etc;

AND WHEREAS, as per the International Union for Conservation of Nature and Natural Resources (IUCN) some of the species which fall under category of Critically Endangered, Endangered, Vulnerable, near threatened are found in Mookambika Wildlife Sanctuary includes **Mammals such as***Panthera tigris* (Tiger), *Panthera pardus*

(Common leopard). *Prionailurus rubiginosus* (Rusty spotted cat). *Viverra civettina* (Malabar civet). *Melursus ursinus* (Sloth Bear). *Elephas maximus* (Asian Elephant). *Bos gaurus* (Gaur). *Cervus unicolor* (Sambar). *Petinomys uscocapillus* (Small Travancore flying Squirrel). *Ratufa indica* (Indian Giant squirrel). *Manis Crassicaudata* (Indian Pangolin). *Platacanthomys lasiurus* (Malabar Spiny Dormouse). *Lutra lutra* (Common otter). *Anoxy Cinerea* (Claw less Otter) **Birds such as** *Anthracoceros coronaatus* (Malabar pied Hornbill). *Buceros bicornis* (Great Hornbill). *Ichthyophaga ichthyaetus* (Gray headed Fish Eagle). *Anhinga melanogaster* (Darter). *Ciconia episcopus* (Woolly –necked Stork). *Ficedula nigrorufa* (Black and Orange Flycatcher). *Eumyias albicaudata* (Nilgiri fly catcher) **reptiles such as** *Indotestudo foresteni* (tortoise). *Geochelone elegans* (Indian flap shell turtle). *Crocodylus palustris* (Crocodiles). *Naja Naja* (Spectacled cobra). *Ophiophagus Hannah* (King cobra) **Amphibians such as** *Ansonia ornate* (Malabar Torrent Toder. *Bufo beddomii* (Beddomi's Tode). *Ramanella montana* (Jerdon's Narrow-mouthed Frog). *Indirana leithii* (Leith's leaping frog or Matheran Indian frog). *Limnonectes limochalrs* (Indian cricket frog). *Micrixalus saxicolus* (Malabar Tropical Frog). *Nyctibatrachus deccanensis* (Deccan night frog, Deccan wrinkled frog). *Nyctibatrachus major* (Malabar night frog). *Nyctibatrachus sancti palustris* (Coorg night frog or sacred swamp wrinkled frog). *Rana aurantiaca* (Trivandrum frog, the common wood frog). *Rana temporalis* (bronzed frog or Gunther's golden-backed frog). *Tomoptema rufescens* (Rufescent Burrowing frog). **Butterflies such as** Idea malbarica (Malabar tree Nymph) **Floral species such as** *Calophyllum apetalum* (Holi honne). *Cinnamomum sulphuratum* (Dalchini). *Diospyros candollena* (Kari mara). *Hopea canarensis* (Malai haiga). *Hopea parviflora* (Kiral bogi). *Hopea ponga* (Doddele bogi). *Vanda spathulata* (Orchid). *Garcinia indica* (Kokum). *Hydnocarpus pentandra* (Chalmogra yenne mara, Mirolhakai, Surti). *Knema attenuate* (Raktamara);

AND WHEREAS, it is necessary to conserve and protect the area, the extent and boundaries of which are specified in paragraph 1 of this notification around the protected area of the Mookambika Wildlife Sanctuary as Eco-sensitive Zone from ecological and environmental point of view and to prohibit industries or class of industries and their operations and processes in the said Eco-sensitive Zone.

NOW THEREFORE, in exercise of the powers conferred by sub-section(1) and clauses (v) and (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act 1986 (29 of 1986) read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area of the Mookambika Wildlife Sanctuary in the State of Karnataka as the Mookambika Wildlife Sanctuary Eco-sensitive Zone (herein after referred to as the Eco-sensitive Zone) details of which are as under, namely:-

1. Extent and Boundaries of Eco-sensitive Zone.—

(1) Mookambika Wildlife Sanctuary is situated at Kundapur Taluk of Udupi district in the State of Karnataka and the Eco-sensitive Zone is spread over an area of 319.86 square kilometers (excluding revenue enclosures) with an extent varying from zero (Sharavathi Valley Wildlife Sanctuary and Someshwara Wildlife Sanctuary adjoin on northern side and southern side of the Mookambika Wildlife Sanctuary consequently, no Eco-sensitive Zone has been proposed on these sides) to 10.80 kilometres from the boundary of sanctuary and the boundary description of such Zone is given in **Annexure-I.**

(2) The list of 41 villages falling within the Eco-sensitive Zone along with co-ordinates of prominent points and the details of the Reserve Forests are appended as **Annexure-II.**

(3) The map of the Eco-sensitive Zone along with boundary details and latitudes and longitudes is appended as **Annexure- III.**

(4) The Geo Coordinates of major points on the Eco-sensitive Zone boundary as well as on the sanctuary boundary are appended as **Annexure-IV.**

2. Zonal Master Plan for the Eco-sensitive Zone.-

(1) The State Government shall, for the purpose of the Eco-sensitive Zone prepare, a Zonal Master Plan, within a period of two years from the date of publication of final notification in the Official Gazette, in consultation with local people and adhering to the stipulations given in this notification for approval of Competent Authority in the State Government.

(2) The Zonal Master Plan for the Eco-sensitive Zone shall be prepared by the State Government in such manner as is specified in this notification and also in consonance with the relevant Central and State laws and the guidelines issued by the Central Government, if any.

(3) The Zonal Master Plan shall be prepared in consultation with the following State Departments, for integrating the ecological and environmental considerations into the said plan:-

(i) Environment;
(ii) Forest and Wildlife;
(iii) Agriculture;
(iv) Revenue;

(v) Urban Development;
(vi) Tourism;
(vii) Rural Development;
(viii) Irrigation and Flood Control;
(ix) Municipal;
(x) Panchayati Raj;
(xi) Public Works Department.

(4) The Zonal Master Plan shall not impose any restriction on the approved existing land use, infrastructure and activities, unless so specified in this notification and the Zonal Master Plan shall factor in improvement of all infrastructure and activities to be more efficient and eco-friendly.

(5) The Zonal Master Plan shall provide for restoration of denuded areas, conservation of existing water bodies, management of catchment areas, watershed management, groundwater management, soil and moisture conservation, needs of local community and such other aspects of the ecology and environment that need attention.

(6) The Zonal Master Plan shall demarcate all the existing worshipping places, villages and urban settlements, types and kinds of forests, agricultural areas, fertile lands, green area, such as, parks and like places, horticultural areas, orchards, lakes and other water bodies and also with supporting maps and the Plan shall be supported by Maps giving details of existing and proposed land use features.

(7) The Zonal Master Plan shall regulate development in the Eco-sensitive Zone and adhere to prohibited, regulated activities listed in Table and also ensure and promote eco-friendly development for livelihood security of local communities.

(8) The Zonal Master Plan shall be co-terminus with the Regional Development Plan.

(9) The Zonal Master Plan so approved shall be the reference document for the Monitoring Committee for carrying out its functions of monitoring in accordance with the provisions of this notification.

3. **Measures to be taken by State Government.-** The State Government shall take the following measures for giving effect to the provisions of this notification, namely:-

1. **Landuse.-** **(a)** Forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes in the Eco-sensitive Zone shall not be used or converted into areas for major commercial or major residential complex or industrial activities:

Provided that the conversion of agricultural and other lands, for the purpose other within the Eco-sensitive Zone may be permitted on the recommendation of the Monitoring Committee, and with the prior approval of the competent authority under the relevant State laws and other rules and regulations of Central/State Government as applicable and vide provisions of this Notification, to meet the residential needs of the local residents such as.-

(i) widening and strengthening of existing roads and construction of new roads;
(ii) construction and renovation of infrastructure and civic amenities;
(iii) small scale industries not causing pollution;
(iv) cottage industries including village industries; convenience stores and local amenities supporting eco-tourism including home stay; and
(v) promoted activities and given under para 4:

Provided further that no use of tribal land shall be permitted for commercial and industrial development activities without the prior approval of the competent authority under the relevant State laws and other rules and regulations of State Government and without compliance of the provisions of article 244 of the Constitution or the law for the time being in force, including the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007):

Provided also that any error appearing in the land records within the Eco-sensitive Zone shall be corrected by the State Government, after obtaining the views of Monitoring Committee, once in each case and the correction of said error shall be intimated to the Central Government in the Ministry of Environment, Forest and Climate Change:

Provided also that the correction of error shall not include change of land use in any case except as provided under this sub-paragraph.

(b) Efforts shall be made to reforest the unused or unproductive agricultural areas with afforestation and habitat restoration activities.

(2) Natural water bodies.- The catchment areas of all natural springs/rivers/ channels shall be identified and plans for their conservation and rejuvenation shall be incorporated in the Zonal Master Plan.

(3) Tourism/Eco-tourism.-

(a) All new Eco-tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be as per the Tourism Master Plan for the Eco-sensitive Zone.

(b) The Eco-tourism Master Plan shall be prepared by Department of Tourism in consultation with State Departments of Environment and Forests.

(c) The Tourism Master Plan shall form a component of the Zonal Master Plan.

(d) The activities of Eco-tourism shall be regulated as under, namely:-

(i) No new construction of hotels and resorts shall be allowed within 1 km from the boundary of the Kurdapur Wildlife Sanctuary or upto the extent of the Eco-sensitive Zone whichever is nearer and beyond the distance of 1 km. from the boundary of the Wildlife Sanctuary till the extent of the Eco-sensitive Zone, the establishment of new hotels and resorts shall be allowed only in pre-defined and designated areas for Eco-tourism facilities as per Tourism Master Plan.

(ii) All new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in accordance with the guidelines issued by the Central Government in the Ministry of Environment, Forest and Climate Change and the eco-tourism guidelines issued by the National Tiger Conservation Authority (as amended from time to time) with emphasis on eco-tourism.

(iii) Until the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the Monitoring Committee and no new hotel /resort or commercial establishment construction is permitted within Eco-sensitive Zone area.

(4) Natural Heritage.- All sites of valuable natural heritage in the Eco-sensitive Zone, such as the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. shall be identified and a heritage conservation plan shall be drawn up for their preservation and conservation as a part of the Zonal Master Plan.

(5) Man-made heritage sites.- Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be indentified in the Eco-sensitive Zone and heritage conservation plan for their conservation shall be prepared as part Zonal Master Plan.

(6) Noise pollution.- Prevention and Control of noise pollution in the Eco-sensitive Zone shall be complied with in accordance with Noise Pollution (Regulation And Control) Rules, 2000 under the Environment (Protection) Act, 1986.

(7) Air pollution.- Prevention and control of air pollution in the Eco-sensitive Zone shall be complied with in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and rules made thereunder.

(8) Discharge of effluents.- Discharge of treated effluent in the Eco-sensitive Zone shall be in accordance with the provisions of the General Standards for Discharge of Environmental Pollutants covered under the Environmental (Protection) Act, 1986 and rules made thereunder or standards stipulated by State Government.

(9) Solid wastes.- Disposal and Management of solid wastes shall be as under:-

(a) The solid waste disposal and management in the Eco-sensitive Zone shall be carried out in accordance with the Solid Waste Management Rules, 2016 and published by the Government of India in the Ministry of Environment, Forest and Climate Change vide notification number S.O. 1357 (E), dated the 8th April, 2016;

the inorganic material may be disposed in an environmental acceptable manner at site identified outside the Eco-sensitive Zone.

(b)No burning or incineration of solid wastes and establishment of landfills shall be permitted in the Eco-sensitive Zone.

(10) Bio-medical waste.- Bio medical waste management shall be as under:

(a) The bio-medical waste disposal in the Eco-sensitive Zone shall be carried out in accordance with the Bio-Medical Waste Management Rules, 2016 published by the Government of India in the Ministry of Environment, Forest and Climate Change vide Notification number GSR 343 (E), dated the 28th March, 2016.

(b)No common treatment facility or incineration shall be permitted within the Eco Sensitive Zone.

(11) Plastic Waste Management.- The Plastic Waste Management in the Eco-sensitive Zone shall be carried out as per the provisions of the Plastic Waste Management Rules, 2016 published by the Government of India in the Ministry of Environment, Forest and Climate Change vide notification number G.S.R. 340(E), dated the 18th March, 2016,.

(12) Construction and Demolition Waste Management.- The Construction and Demolition Waste Management in the Eco-sensitive Zone shall be carried out as per the provisions of the Construction and Demolition Waste Management

Rules, 2016 published by the Government of India in the Ministry of Environment, Forest and Climate Change vide notification number G.S.R. 317(E), dated the 29th March, 2016.

(13) E-waste.- The E- Waste Management in the Eco-sensitive Zone shall be carried out as per the provisions of the E-Waste Management Rules, 2016 published by the Government of India in the Ministry of Environment, Forest and Climate Change.

(14) Vehicular traffic.- The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal Master plan is prepared and approved by the Competent Authority in the State Government, the Monitoring Committee shall monitor compliance of vehicular movement under the relevant Acts and the rules and regulations made thereunder.

(15) Vehicular Pollution.- Prevention and control of Vehicular Pollution shall be complied with in accordance with applicable laws and the efforts to be made for use of cleaner fuel for example CNG, LPG, etc.

(16) Industrial Units.- (i) On or after the publication of this notification in the Official Gazette, no new polluting industries shall be allowed to be set up within the Eco-sensitive Zone.
(ii) Only non-polluting industries shall be allowed within Eco-sensitive Zone as per classification of Industries in the Guidelines issued by Central Pollution Control Board in February 2016, unless so specified in this notification and in addition, non-polluting cottage industries shall be promoted.
(17) Protection of Hill Slopes.- The protection of hill slopes shall be as under:-
(a) The Zonal Master Plan shall indicate areas on hill slopes where no construction shall be permitted.
(b) No construction on existing steep hill slopes or slopes with a high degree of erosion shall be permitted.
(18) The Central Government and the State Government shall specify other additional measures, if it considers necessary, in giving effect to the provisions of this notification.

4. **List of activities prohibited or to be regulated within the Eco-sensitive Zone.-**
All activities in the Eco sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 (29 of 1986) and the rules made there under including the Coastal Regulation Zone (CRZ), 2011 and the Environmental Impact Assessment (EIA) Notification, 2006 and other applicable laws including the Forest (Conservation) Act, 1980 (69 of 1980), the Indian Forest Act, 1927 (16 of 1927), the Wildlife (Protection) Act 1972 (53 of 1972), and amendments made thereto and be regulated in the manner specified in the Table below, namely:-

TABLE

S No	Activity	Description
		A. Prohibited Activities
1.	Commercial Mining	(a) All new and existing (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect except for meeting the domestic needs of bona fide local residents including digging of earth for construction or repair of houses and for manufacture of country tiles or bricks for housing and for other activities. (b) The mining operations shall be carried out in accordance with the order of the Hon'ble Supreme Court dated 04.08.2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No.202 of 1995 and dated 21.04.2014 in the matter of Goa Foundation Vs. UOI in W.P.(C) No.435 of 2012.
2.	Setting of industries causing pollution (Water, Air, Soil, Noise, etc.).	No new industries and expansion of existing polluting industries in the Eco-sensitive zone shall be permitted. Only non-polluting industries shall be allowed within Eco-sensitive Zone as per classification of Industries in the Guidelines issued by Central Pollution Control Board in February 2016, unless so specified in this notification. In addition, non-polluting cottage industries shall be promoted.
3.	Establishment of major hydroelectric project.	Prohibited (except as otherwise provided) as per applicable laws.

4.	Use or production or processing of any hazardous substances.	Prohibited (except as otherwise provided) as per applicable laws.
5.	Discharge of untreated effluents in natural water bodies or land area.	Prohibited (except as otherwise provided) as per applicable laws.
6.	Establishment of solid waste disposal site and common incineration facility for solid and bio medical waste.	No new solid waste disposal site and waste treatment/processing facility of solid waste is permitted within Eco-sensitive Zone. Further installation of common or individual incineration facility for treatment of any form of solid waste generated from industrial process and health establishment hospitals etc. is prohibited.
7.	Establishment of large-scale commercial livestock and poultry farms by firms, corporate, companies.	Prohibited (except as otherwise provided) as per applicable laws except for meeting local needs.
8.	Setting of new saw mills.	No new or expansion of existing saw mills shall be permitted within the Eco-sensitive Zone.
9.	Setting up of brick kilns.	Prohibited (except as otherwise provided) as per applicable laws.
10.	Commercial use of fire wood.	Prohibited (except as otherwise provided) as per applicable laws.
11.	Erection of wind mills.	Prohibited (except as otherwise provided) as per applicable laws.
		B. Regulated Activities
12.	Commercial establishment of hotels and resorts.	No new commercial hotels and resorts shall be permitted within one kilometre of the boundary of the Protected Area or upto the extent of Eco-sensitive Zone, whichever is nearer, except for small temporary structures for Eco-tourism activities: Provided that, beyond one kilometre from the boundary of the protected Area or upto the extent of the Eco-sensitive Zone whichever is nearer, all new tourist activities or expansion of existing activities shall be in conformity with the Tourism Master Plan and guidelines as applicable.
13.	Construction activities.	(a) No new commercial construction of any kind shall be permitted within one kilometre from the boundary of the Protected Area or upto extent of the Eco-sensitive Zone whichever is nearer: Provided that, local people shall be permitted to undertake construction in their land for their use including the activities listed in sub- paragraph (1) of paragraph 3 as per building byelaws to meet the residential needs of the local residents such as:- (i) Widening and strengthening of existing roads and construction of new roads; (ii) Construction and renovation of infrastructure and civic amenities; (iii) Small scale industries not causing pollution termed as per classification done by the Central Pollution Control Board in the year 2016; (iv) Cottage industries including village industries; convenience stores and local amenities supporting eco-tourism including home stays; and (v) Promoted activities listed in this Notification: Provided that the construction activity related to small scale industries not causing pollution shall be regulated and kept at the minimum, with the prior permission from the competent authority as per applicable rules and regulations, if any.

		(b) Beyond one kilometre it shall be regulated as per the Zonal Master Plan.
14.	Small scale non - polluting industries.	Non polluting industries as per classification of industries issued by the Central Pollution Control Board in the year 2016 and non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous materials from the Eco-sensitive Zone shall be permitted by the competent Authority.
15.	Felling of Trees.	(a) There shall be no felling of trees on the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government. (b) The felling of trees shall be regulated in accordance with the provisions of the relevant Central or State Act and the rules made thereunder.
16.	Collection of Forest produce or Non-Timber Forest Produce (NTFP).	Regulated under applicable laws.
17.	Erection of electrical and communication towers and laying of cables and other infrastructures.	Regulated under applicable law. Underground cabling may be promoted.
18.	Infrastructure including civic amenities.	Shall be done with mitigation measures, as per applicable laws, rules and regulation and available guidelines.
19.	Widening and strengthening of existing roads and construction of new roads.	Shall be done with mitigation measures, as per applicable laws, rules and regulation and available guidelines.
20.	Under taking other activities related to tourism like over flying the Eco-sensitive Zone area by hot air balloon, helicopter, drones, Microlites, etc.	Regulated under applicable law.
21.	Protection of Hill Slopes and river banks.	Regulated under applicable laws.
22.	Movement of vehicular traffic at night.	Regulated for commercial purpose under applicable laws.
23.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	Permitted under applicable laws for use of locals.
24.	Discharge of treated waste water/effluents in natural water bodies or land area.	The discharge of treated waste water/effluents shall be avoided to enter into the water bodies. Efforts to be made for recycle and reuse of treated waste water. Otherwise the discharge of treated waste water/effluent shall be regulated as per applicable laws.
25.	Commercial extraction of surface and ground water.	Regulated under applicable law.
26.	Open Well, Bore Well etc. for agriculture or other usage.	Regulated and the activity should be strictly monitored by the appropriate authority.
27.	Solid Waste Management.	Regulated under applicable laws.
28.	Introduction of Exotic species.	Regulated under applicable laws.
29.	Eco-tourism.	Regulated under applicable laws.
30.	Use of polythene bags.	Regulated under applicable laws
31.	Commercial Sign boards and hoardings.	Regulated under applicable laws.

C. Promoted Activities		
32.	Rain water harvesting.	Shall be actively promoted.
33.	Organic farming.	Shall be actively promoted.
34.	Adoption of green technology for all activities.	Shall be actively promoted.
35.	Cottage industries including village artisans, etc.	Shall be actively promoted.
36.	Use of renewable energy and fuels.	Bio gas, solar light etc. to be actively promoted.
37.	Agro-Forestry.	Shall be actively promoted.
38.	Use of eco-friendly transport.	Shall be actively promoted.
39.	Skill Development.	Shall be actively promoted.
40.	Restoration of Degraded Land/ Forests/ Habitat.	Shall be actively promoted.
41.	Environmental Awareness.	Shall be actively promoted.

5. **Monitoring Committee.**- (1) In exercise of the powers conferred by sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby constitutes a Monitoring Committee for a period of three years, for effective monitoring of the Eco-sensitive Zone, which shall comprise of, namely:-

(i) Regional Commissioner, Mysore – Chairman;
(ii) Representative of the Department of Environment, Government of Karnataka -Member;
(iii) Representative of the Department of Urban Development, Government of Karnataka - Member;
(iv) Representative of Karnataka State Pollution Control Board - Member;
(v) A representative of NGO working in the field of environment to be nominated by the Government of Karnataka for a term of three years in each case -Member;
(vi) An expert in the area of ecology and environment to be nominated by the Government of Karnataka for a term of three years in each case - Member;
(vii) Deputy Commissioner or his representative, Shivamogga – Member;
(viii) Deputy Commissioner or his representative, Udupi –Member;
(ix) Member from Legislative assembly from Sagara constituency – Member;
(x) Member from Legislative assembly from Thirthahalli constituency – Member;
(xi) Member from Legislative assembly from Byndoor constituency – Member;
(xii) Member from Legislative assembly from Kundapur constituency – Member;
(xiii) Member, State Biodiversity Board -Member
(xiv) The Deputy Conservator of Forests, Kudremukh Wildlife Division, Karkala - Member Secretary.

Note: Subject to the State Government of Karnataka obtaining relevant approvals *inter alia* including permission from the Speaker of Legislative Assembly, Karnataka, if required.

6. **Terms of Reference.**-

(1) The Monitoring Committee shall monitor the compliance of the provisions of this notification.

(2) The activities that are covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forest number S.O. 1533 (E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinized by the Monitoring Committee based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment, Forest and Climate Change for prior environmental clearances under the provisions of the said notification.

(3) The activities that are not covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forest number S.O. 1533 (E), dated the 14th September, 2006 and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the Monitoring Committee based on the actual site-specific conditions and referred to the concerned regulatory authorities.

(4) The Member-Secretary of the Monitoring Committee or the concerned Collector(s) or the concerned park Deputy Conservator of Forests shall be competent to file complaints under section 19 of the Environment (Protection) Act, 1986 against any person who contravenes the provisions of this notification.

(5) The Monitoring Committee may invite representatives or experts from concerned Departments, representatives from industry associations or concerned stakeholders to assist in its deliberations depending on the requirements on issue to issue basis.

(6) The Monitoring Committee shall submit the annual action taken report of its activities as on 31st March of every year by 30th June of that year to the Chief Wildlife Warden of the State as per pro- forma appended at Annexure-V.

(7) The Central Government in the Ministry of Environment, Forest and Climate Change may give such directions, as it deems fit, to the Monitoring Committee for effective discharge of its functions.

7. The Central Government and State Government may specify additional measures, if any, for giving effect to provisions of this notification.

8. The provisions of this notification shall be subject to the orders, if any, passed, or to be passed, by the Hon'ble Supreme Court of India or the High Court or National Green Tribunal.

[F. No. 25/142/2015-ESZ-RE]

LALIT KAPUR, Scientist 'G'

ANNEXURE-I

Boundary description of the Eco-sensitive Zone around Mookambika Wildlife Sanctuary.

North :	The Eco-Sensitive Zone boundary starts from the Edamale gudda runs along the Hulmurdibare Reserved Forest boundary line towards South-East till Modalabare gudda and touches to Meginivalley Reserved Forest boundary. The line then runs along the boundary of Meginivalley Reserved Forest towards Eastern direction The line then moves North along Karni Reserved Forest boundary to meet 1Km parallel line to Meginivalley Reserved Forest in the village Kadanavalli. From this point Eco-sensitive Zone line follows 1km parallel line to Meginivalley Reserved Forest boundary towards East and reaches Marati village boundary. Then it runs along 1km parallel line with the Kodachadri Reserved Forest boundary and reaches Honnarmagne Reserved Forest boundary line near the locality Ikkibil, SS Bhoga village. Then the Eco-Sensitive Zone boundary line runs towards East along with Honnarmagne Reserved Forest boundary, and touches to Mavinagudda, Nittur village. Then the Eco-sensitive Zone boundary line runs South-East along 1km parallel line to Kodachadri Reserved Forest and passes through Adugodu, Nittur village. Then the line runs South-West and reaches Marakatak hole at Kenemakki gudda, Manjagalale village. Further the line runs South-East along 1km parallel to the Chakra Reserved Forest boundary in Kattinahole Village. Then the line traverses East along 1Km parallel line to Kilandoor Reserved Forest boundary and reaches Mattikai Reserved Forest boundary. Then the line traverses along the Mattikai Reserved Forest boundary and touches Baise State Forest boundary near Samgodu, Bhramhanavada village.
East :	Then the Eco-sensitive Zone boundary line runs along the Baise State Forest boundary then Eco-sensitive Zone line follows 1Km parallel line to the Kilandur Reserved Forest boundary in the village Malali. Then it runs North passing through Nilsakal, Karimane village. Further the line traverses South-East along 1Km parallel line to the Kilandaur Reserved Forest by passing through Karimane village, and reaches to Nagar-Mastikatte roadat Mastikatte. Then the line traverses South-West along 1Km parallel line to Hulikal State Forest and reaches Hulikal hole. Then the line runs South-East along the Manibyl Dam road and reaches Varahi State Forest boundary. And the line continues along the Varahi State Forest boundary till joins to the Eco-sensitive Zone boundary line of Someshwara Wildlife Sanctuary.
South :	The Eco-sensitive Zone line merges with the Tambottu Reserved Forest boundary of Someshwara wildlife sanctuary till it touches Western Eco-sensitive Zone line of Someshwara wildlife sanctuary. Then the Eo-sensitive Zone boundary line follows west along 1km parallel line to the Metkal gudde Reserved Forest boundary and touches to Suraladavi Reserved Forest boundary in Ulluru 74 village. And runs along the Suraladavi Reserved Forest boundary. Then the line continues along 1km parallel line to the Metkalgudde Reserved Forest boundary North-East direction by passing through Siddapura village and touches the Dottinaberu Reserved Forest boundary. And runs along with Dottinaberu Reserved Forest boundary and reaches Hennabyl. Siddapur village. Then it runs along 1km. parallel line to the Metkal gudde Reserved Forest boundary North-East and reaches to Kerekatte, hosangadi village. Then again the line traverses towards North-East and touches Doddinamane Reserved Forest boundary.

	Further the line traverses along the Doddinamane Reserved Forest boundary and crosses Siddapur Ajri road near Beluvan, Ajri village. Then the line continues west along 1km parallel line to Baregundi Reserved Forest boundary in Ajri village. And passes through Kodladi village. Then the line runs along 1 km. parallel line to Harmanupare Reserved Forest boundary and touches Kamradi Hole Reserved Forest boundary, at locality of Hemmakki hara. Then Eco-Sensitive Zone boundary line runs along the Kamradihole Reserved Forest boundary and Hemmakki-Neralekatte road then touches the Mavinaguli Reserved Forest boundary in Karkunje village. Further the line runs along the Mavinaguli Reserved Forest boundary in Neralakatte village and touches Kundapura- Kollur road near Nempu Vandse village.
West :	Then Eco-sensitive Zone boundary line runs North-West and touches the Kasanakatte Reserved Forest boundary line near Adikekodlu in Vandse village and continues to runs along the Reserved Forest boundary. Further the line runs towards west along 1km parallel line to the Abbigudde Reserved Forest boundary and touches Mudarigudde Reserved Forest boundary near Panjurligudi and runs along the mud arigudda Reserved Forest boundary. Further the line traverses along 1km parallel line to the Abbigudde Reserved Forest boundary towards North and touches Harkur Reserved Forest near Kodagi. Then the line runs along the Harkur Reserved Forest boundary and touches Aloor, Aloor village. Further the line traverses towards North-East along 1Km parallel line to the Abbigudde Reserved Forest boundary and touches Heroor Reserved Forest boundary by crossing the Kolluru river near the locality Mavinaguli. Then line continues to run along the Herur Reserved Forest boundary in Herur village and run towards North and touches Hulimisepare Reserved Forest boundary near Hitlamane. Further the Eco-sensitive Zone boundary line runs along the Hulimisepare Reserved Forest boundary by passing Kalthodu village and touches to the Kollur Baindoor road at Areshirur, Golihole village. Then the line runs North-West along 1Km parallel line to the Kortikalbare boundary in Golihole and Yelajith village and meets Guruvankote Reserved Forest boundary near Kambali locality. The line then runs along the Guruvankote Reserved Forest boundary line then it meets along 1 km. parallel to the Korathikal bare Reserved Forest and Hulilmurdibare Reserved Forest boundary by passing through Theggarse village, Baindoor village and yedthere village. The line then touches Kadike Reserved Forest boundary line near Kadike Yedthare village. And then runs along the boundary line of Kadike Reserved Forest in the village Yedthare and touches Savantgudde Reserved Forest boundary at Hadiginagadde locality and run continues to along the boundary of Savantagudde Reserved Forest boundary. Then touches the Nuz Reserved Forest boundary by crossing the Sankadagundi river and runs along its boundary. Then the Line touches the Starting Point.

ANNEXURE-II

Details of the villages falling within the Eco-sensitive Zone of Mookambika Wildlife Sanctuary.

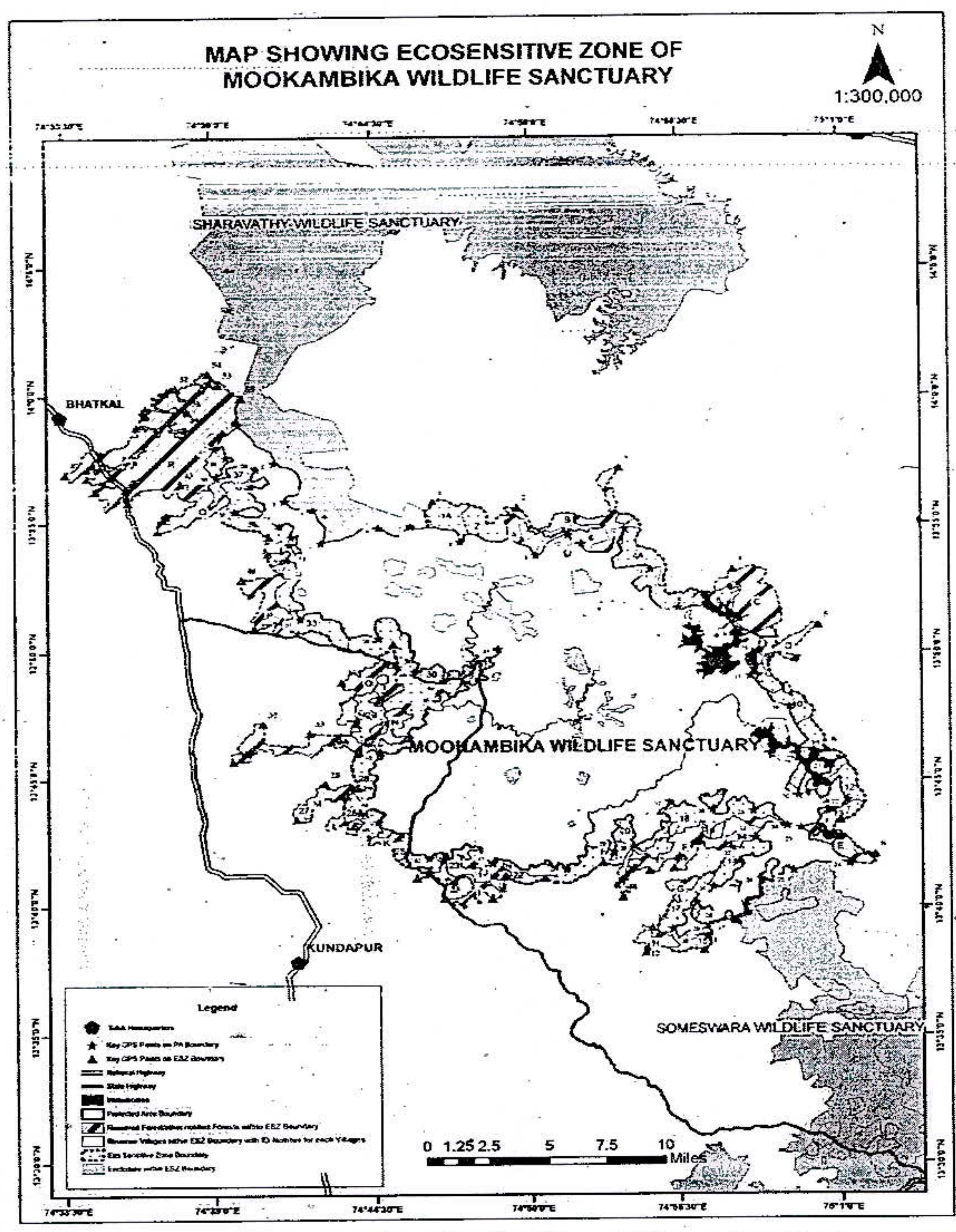
Sl. No.	Name of the village	District	Taluk	Area in Ha.	Latitude			Longitude		
					Deg	Mins	Secs	Deg	Mins	Secs
1	Karni	Shivamogga	Sagar	23.65	74	46	26.95	13	55	4.05
1A	Kodanavalli	Shivamogga	Sagar	477.80	74	47	8.05	13	55	14.70
2	Marati	Shivamogga	Sagar	681.95	74	48	52.89	13	54	51.13
3	Koteshipur	Shivamogga	Hosanagara	233.63	74	52	2.86	13	54	49.63
4	Nagodi	Shivamogga	Hosanagara	409.70	74	52	23.53	13	54	27.30
4A	Manjagalale	Shivamogga	Hosanagara	590.23	74	54	2.43	13	53	43.94
5	Kattinahole	Shivamogga	Hosanagara	614.42	74	55	10.25	13	52	13.51
6	Mattikai	Shivamogga	Hosanagara	407.73	74	57	19.37	13	51	40.38
6A	Hosur	Shivamogga	Hosanagara	45.50	74	57	31.61	13	52	27.18
7	Brahmanavada	Shivamogga	Hosanagara	309.19	74	58	37.04	13	49	19.40
8	Kilandur Jungle	Shivamogga	Hosanagara	155.54	74	58	32.68	13	48	24.41
9	Byse	Shivamogga	Hosanagara	57.73	74	58	39.31	13	49	29.10

10	Malali	Shivamogga	Hosanagara	318.98	74	59	29.61	13	47	52.13
11	Karimane	Shivamogga	Hosanagara	800.06	75	0	11.37	13	45	49.14
12	Khyrugunda	Shivamogga	Hosanagara	422.73	75	1	3.66	13	44	36.66
13	Nidagodu	Shivamogga	Hosanagara	272.83	75	1	2.75	13	43	27.30
14	Hosangadi	Udupi	Kundapura	1036.50	74	57	21.58	13	41	21.50
15	Machattu	Udupi	Kundapura	95.78	74	57	50.87	13	40	2.82
16	Ulluru	Udupi	Kundapura	232.79	74	55	50.28	13	38	33.42
17	Siddapur	Udupi	Kundapura	530.75	74	55	37.69	13	39	57.39
18	Yedamoge	Udupi	Kundapura	1109.20	74	56	48.61	13	43	33.27
19	Halihole	Udupi	Kundapura	28.29	74	56	41.55	13	44	22.46
20	Bellal	Udupi	Kundapura	468.38	74	53	51.39	13	42	50.62
21	Ajri	Udupi	Kundapura	1031.77	74	52	30.38	13	41	47.03
22	Kodladi	Udupi	Kundapura	315.91	74	49	29.56	13	41	11.40
23	Karkunje	Udupi	Kundapura	613.38	74	47	3.06	13	41	20.59
24	Chittur	Udupi	Kundapura	21.06	74	46	56.66	13	42	1.45
25	Vandse	Udupi	Kundapura	210.07	74	45	17.63	13	42	28.87
26	Nujadi	Udupi	Kundapura	393.34	74	44	2.58	13	43	34.15
27	Harkur	Udupi	Kundapura	313.91	74	42	39.90	13	44	10.52
28	Aluru	Udupi	Kundapura	446.60	74	44	10.77	13	45	5.67
29	Kaltodu	Udupi	Kundapura	662.84	74	44	28.73	13	47	8.81
29A	Navunda	Udupi	Kundapura	6.39	74	43	21.67	13	46	30.14
30	Golihole	Udupi	Kundapura	2121.76	74	45	42.97	13	49	6.22
31	Jadkal	Udupi	Kundapura	200.78	74	48	12.81	13	49	15.76
32	Kollur	Udupi	Kundapura	10.08	74	48	4.09	13	49	30.42
33	Yelajita	Udupi	Kundapura	871.87	74	42	15.51	13	51	34.00
34	Mudinagadde	Udupi	Kundapura	144.86	74	41	20.30	13	53	32.20
35	Nukiadi	Udupi	Kundapura	8.71	74	40	54.39	13	53	46.24
36	Keretur	Udupi	Kundapura	1041.76	74	40	36.02	13	55	18.26
37	Hosur	Udupi	Kundapura	591.25	74	39	28.21	13	56	47.81
				18329.69						

List of Reserved Forests falling within the Eco-sensitive Zone of Mookambika Wildlife Sanctuary

Map Id	Name of the Reserved Forests	Area in ha	G.O / Notification
A	Kudarur Reserve Forest	307.61	
B	Honnar Magane Reserve Forest	682.55	No 354 12.08.1989
C	Mattikal Reserve Forest	1111.68	AHFF 162 FAF 88/13.09.1994
D	Reserve Forest	191.28	
E	Reserve Forest	26.77	
E	Varahi State Forest	475.51	R 5638-41 Ft 39-16-4/05.12.1916
F	Doddinamane Reserve Forest	1209.05	G.O.No 287 Dated 06.12.1899
G	Dottinaberu Reserve Forest	164.95	G.O.No 445 Dated 13.08.1998
H	Suralavadi Reserve Forest	240.89	G.O.No 1020 Dated 06.12.1987
I	Mavinagulli Reserve Forest	416.31	G.O.No 508 Dated 01.09.1898
J	Kamaradihole Reserve Forest	283.14	G.O.No623 dated 27.10.1898
K	Kasankai Reserve Forest	98.88	G.O.No 1181 Dated 28.11.1892
L	Mudarigude Reserve Forest	139.46	G.O.No 522 Dated 10.10.1896
M	Harkuru Reserve Forest	342.56	G.O.No 14 Dated 10.01.1893
N	Gundaber pare Reserve Forest	1130.00	274 Rev, dated : 05-04-1893
O	Hulimishe Reserve Forest	739.24	G.O.No 490 dated 29.08.1896
P	Guruvankote Reserve Forest	618.34	G.O.No 3356 dated 17.11.1913
Q	Kadike Reserve Forest	629.60	G.O.No 230 Dated 04.06.1896
R	Kurandur Reserve Forest	4849.80	
		13657.62	

ANNEXURE-III



ANNEXURE-IV

Table showing Geo Coordinates of major points on the boundary of Eco-sensitive Zone around Mookambika Wildlife Sanctuary.

Map ID	Longitude			Latitude		
	Degree	Minutes	Seconds	Degree	Minutes	Seconds
1	74	46	35.52	13	55	51.12
2	74	49	33.78	13	55	36.59
3	74	53	22.85	13	57	9.58
4	74	57	29.28	13	53	11.92
5	75	0	19.88	13	51	0.17
6	75	0	34.03	13	46	8.54
7	75	1	1.38	13	43	23.64
8	75	2	10.51	13	42	1.74
9	74	59	2.52	13	41	7.66
10	74	57	33.60	13	39	25.31
11	74	56	22.95	13	38	16.63
12	74	54	14.86	13	38	11.27
13	74	54	31.38	13	39	9.03
14	74	57	23.40	13	42	18.61
15	74	56	15.92	13	42	31.73
16	74	55	19.05	13	41	29.11
17	74	54	25.56	13	41	22.84
18	74	53	25.78	13	40	21.66
19	74	52	42.13	13	41	43.21
20	74	50	30.00	13	41	5.67
21	74	49	4.66	13	41	10.89
22	74	48	36.93	13	40	17.20
23	74	46	56.61	13	40	18.09
24	74	45	58.36	13	41	6.14
25	74	43	50.04	13	43	10.75
26	74	43	33.42	13	44	20.53
27	74	41	54.18	13	43	25.18
28	74	42	51.18	13	44	50.27
29	74	43	55.32	13	44	39.87
30	74	43	58.80	13	46	1.97
31	74	39	42.55	13	45	41.59
32	74	40	44.73	13	47	11.29
33	74	42	21.32	13	46	50.09
34	74	43	52.98	13	47	11.50
35	74	43	25.79	13	48	49.22
36	74	45	22.04	13	49	14.96
37	74	45	11.49	13	50	17.07
38	74	41	26.45	13	51	13.69
39	74	40	28.62	13	50	55.15
40	74	40	1.82	13	52	48.62

41	74	40	58.28	13	54	29.32
42	74	37	0.80	13	54	43.90
43	74	37	51.15	13	56	33.45
44	74	35	54.17	13	55	49.67
45	74	34	35.72	13	56	15.84
46	74	34	22.11	13	56	46.59
47	74	33	34.39	13	56	56.96
48	74	36	14.59	13	58	46.85
49	74	38	4.90	13	58	41.37
50	74	36	35.39	13	59	30.54
51	74	38	8.85	13	59	22.02
52	74	37	42.70	14	0	17.82
53	74	39	15.51	14	0	26.40
54	74	38	53.78	14	0	51.78
55	74	40	3.20	13	59	54.34

Table showing Geo Coordinates of major points on the boundary of Mookambika Wildlife Sanctuary.

Map ID	Longitude			Latitude		
	Degree	Minutes	Seconds	Degree	Minutes	Seconds
1	74	39	56.70	13	58	53.09
2	74	41	9.86	13	57	22.40
3	74	41	31.77	13	55	53.18
4	74	42	30.13	13	55	31.53
5	74	42	46.72	13	54	14.54
6	74	44	42.55	13	54	49.42
7	74	45	48.48	13	54	52.68
8	74	47	33.49	13	54	16.52
9	74	50	15.47	13	53	44.80
10	74	51	28.42	13	54	31.67
11	74	51	57.56	13	54	11.78
12	74	53	34.89	13	54	46.74
13	74	54	31.25	13	53	11.38
14	74	55	31.62	13	51	42.46
15	74	57	33.87	13	50	43.11
16	74	58	19.96	13	49	58.97
17	74	58	4.52	13	49	2.53
18	74	59	22.39	13	47	51.20
19	74	59	43.81	13	45	43.26
20	74	59	39.45	13	44	21.95
21	75	0	41.41	13	45	33.03
22	75	1	15.28	13	44	10.25
23	74	59	44.03	13	43	5.20
24	75	1	19.34	13	41	40.27
25	74	59	28.60	13	41	24.17
26	74	58	25.13	13	41	4.50

27	74	57	25.66	13	39	26.93
28	74	56	7.77	13	40	8.38
29	74	56	30.27	13	38	48.37
30	74	55	14.88	13	39	7.50
31	74	56	44.65	13	40	46.12
32	74	57	40.21	13	41	45.72
33	74	58	12.49	13	42	42.28
34	74	59	17.77	13	43	9.61
35	74	58	9.45	13	43	44.69
36	74	56	43.81	13	43	48.34
37	74	55	9.48	13	44	5.86
38	74	53	52.06	13	42	21.56
39	74	53	6.62	13	42	8.17
40	74	51	20.39	13	41	27.23
41	74	48	38.05	13	41	42.21
42	74	46	23.41	13	41	54.03
43	74	44	38.68	13	43	20.54
44	74	44	2.24	13	43	41.02
45	74	44	44.78	13	46	4.88
46	74	46	44.49	13	48	23.74
47	74	48	52.59	13	50	5.97
48	74	46	55.64	13	48	52.71
49	74	45	56.04	13	49	14.67
50	74	44	41.84	13	50	31.88
51	74	42	4.26	13	51	17.10
52	74	41	34.45	13	53	36.04
53	74	41	41.32	13	54	11.29
54	74	41	45.52	13	54	28.45
55	74	41	21.42	13	54	54.60
56	74	39	49.17	13	55	28.67
57	74	40	23.71	13	56	29.36
58	74	40	34.14	13	57	9.71
59	74	39	10.64	13	56	53.58
60	74	39	31.90	13	57	36.49
61	74	39	7.65	13	57	56.71

ANNEXURE – V

Performa of Action Taken Report:- Eco-sensitive Zone Monitoring Committee.-

1. Number and date of meetings.:
2. Minutes of the meetings: Mention main noteworthy points. Attach minutes of the meeting on separate Annexure.
3. Status of preparation of Zonal Master Plan including Tourism Master Plan.
4. Summary of cases dealt for rectification of error apparent on face of land record: [Details may be attached as Annexure]

5. Summary of cases scrutinised for activities covered under Environment Impact Assessment Notification, 2006:

   [Details may be attached as separate Annexure]

6. Summary of cases scrutinised for activities not covered under Environment Impact Assessment Notification, 2006:

   [Details may be attached as separate Annexure]

7. Summary of complaints lodged under Section 19 of Environment (Protection) Act, 1986:

8. Any other matter of importance.

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